QUESTAR

Questar Exploration and Production Company
11002 East 17500 South
Vernal, UT 84078
Tel 435 781 4300 • Fax 435 781 4329

January 21, 2006

Division of Oil, Gas & Mining
1594 W. N. Temple STE 1210
Salt Lake City, UT 84114-5801

To Whom It May Concern:

In reference to the State Oil and Gas Conservation rule R649-3-3 QEP Uinta Basin, Inc. GB 8MU-20-8-22 is an exception to this rule to avoid concerns with a Ferruginous Hawk nest that is located near the location site.

There are no additional lease owners with 460' of the proposed location. If you have any question please contact Jan Nelson @ (435) 781-4331.

Thank you,

Jan Nelson
Regulatory Affairs

RECEIVED
JAN 3 1 2006
DIV. OF OIL, GAS & MINING

[1] CONFIDENTIAL

Form 3160-3
(July 1992)

FORM APPROVED
OMB NO. 1040-0136
Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK: DRILL ☑ DEEPEN ☐	5. LEASE DESIGNATION AND SERIAL NO.: UTU-69001
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
	7. UNIT AGREEMENT NAME: ~~Bitter~~ Glen Bench
TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER ☐ SINGLE ZONE ☑ MULTIPLE ZONE ☐	8. FARM OR LEASE NAME, WELL NO.: GB 8MU-20-8-22
2. NAME OF OPERATOR: QEP Uinta Basin, Inc. / Contact: Jan Nelson, E-Mail: jan.nelson@questar.com	9. API WELL NO.: 43-047-37665
3. ADDRESS: 11002 E. 17500 S. Vernal, Ut 84078 / Telphone number: Phone 435-781-4331 Fax 435-781-4329	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface 631527X 2157' FNL 966' FEL, SENE, SECTION 20, T8S, R22E At proposed production zone 4440941Y 40.110396 -109.456725	11. SEC.,T, R, M, OR BLK & SURVEY OR AREA: SENE, SECTION 20, T8S, R22E
14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE*: 13 +/- MILES FROM OURAY, Utah	12. COUNTY OR PARISH: UINTAH / 13. STATE: UT
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drig,unit line if any): 966'+/-	16.NO.OF ACRES IN LEASE: 320 / 17. NO. OF ACRES ASSIGNED TO THIS WELL: 40
18.DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft: 1200' +/-	19. PROPOSED DEPTH: 10825' / 20. BLM/BIA Bond No. on file: ESB000024
21. ELEVATIONS (Show whether DF, RT, GR, ect.): 4818.6' GR	22. DATE WORK WILL START: ASAP / 23. Estimated duration: 10 DAYS

24. Attachments

The following,completed in accordance with the requirments of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan
3. A surface Use Plan (if location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an exisiting bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

SIGNED Jan Nelson Name (Printed) Jan Nelson Date 1-21-06

TITLE Regulatory Affairs

(This space for Federal or State office use)

PERMIT NO. 43-047-37665 APPROVAL DATE

Application approval does not warrant or certify the applicant holds any legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [signature] TITLE BRADLEY G. HILL ENVIRONMENTAL SCIENTIST III DATE 02-08-06

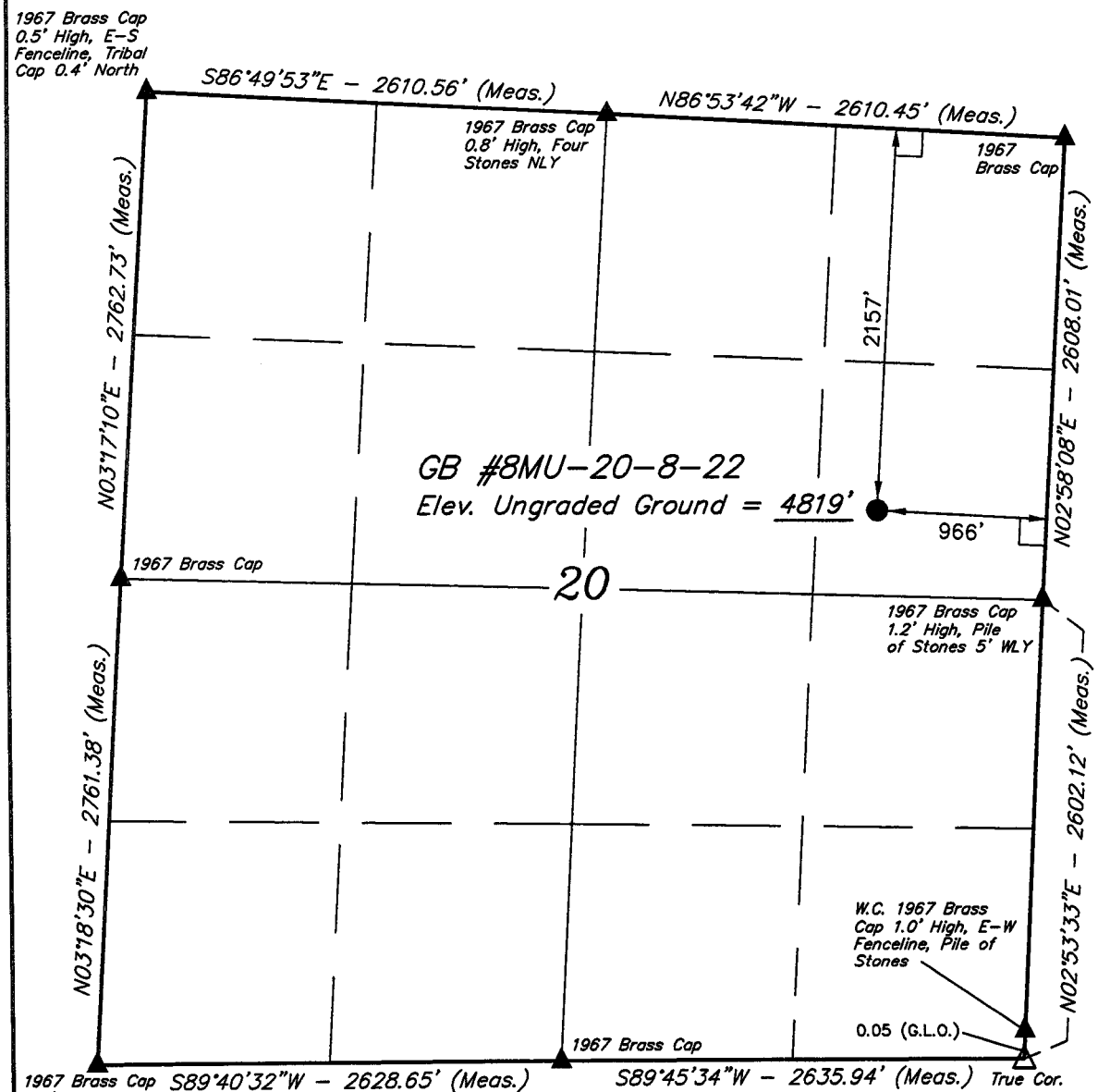
*See Instructions On Reverse Side

Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any mater within its jurisdiction.

Federal Approval of this Action Is Necessary

RECEIVED
JAN 3 1 2006
DIV. OF OIL, GAS & MINING

T8S, R22E, S.L.B.&M.



(NAD 27)
LATITUDE = 40°06'37.42" (40.110394)
LONGITUDE = 109°27'24.21" (109.456725)

(NAD 83)
LATITUDE = 40°06'37.29" (40.110358)
LONGITUDE = 109°27'26.68" (109.457411)

LEGEND:

└ = 90° SYMBOL
● = PROPOSED WELL HEAD.
▲ = SECTION CORNERS LOCATED.
△ = SECTION CORNERS COMPUTED FROM G.L.O. (Not Set on Ground)

QUESTAR EXPLR. & PROD.

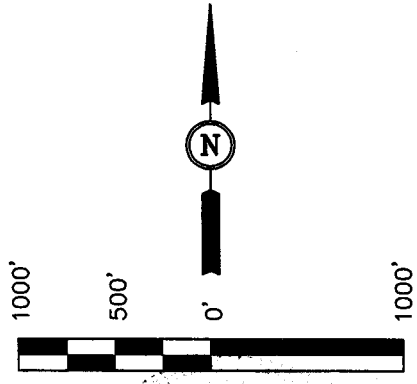
Well location, GB #8MU-20-8-22, located as shown in the SE 1/4 NE 1/4 of Section 20, T8S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

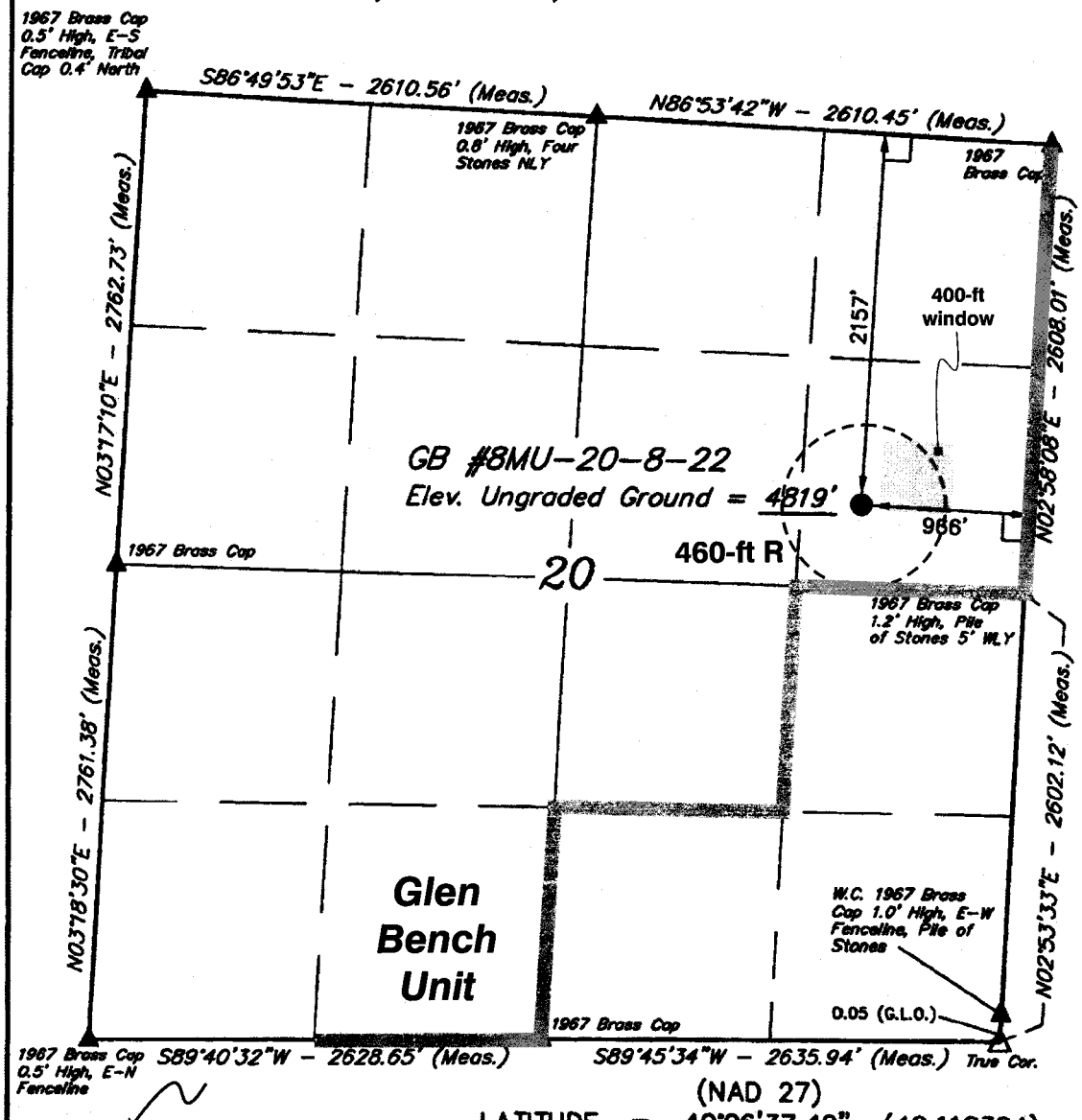
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REVISED: 12-13-05 S.L.
REVISED: 07-18-02 D.COX
REVISED: 05-13-02 D.COX

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE: 1" = 1000'	DATE SURVEYED: 04-24-02	DATE DRAWN: 04-26-02
PARTY: D.A. J.A. D.COX	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: QUESTAR EXPLR. & PROD.	

T8S, R22E, S.L.B.&M.



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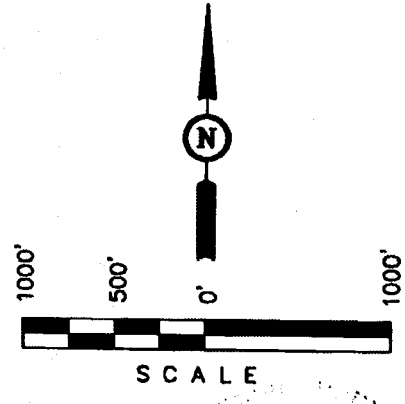

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME, OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR REGISTRATION NO. 161318 STATE OF UTAH

REVISED: 12-13-05 S.L.
REVISED: 07-18-02 D.COX
REVISED: 05-13-02 D.COX

(NAD 27)
LATITUDE = 40°06'37.42" (40.110394)
LONGITUDE = 109°27'24.21" (109.456725)

(NAD 83)
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UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	04-24-02	04-26-02
PARTY: D.A. J.A. D.COX	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: QUESTAR EXPLR. & PROD.	

Additional Operator Remarks

QEP Uinta Basin, Inc. proposes to drill a well to 10825' to test the MesaVerde. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements"

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

See attached Onshore No. 1

Please be advised that QEP Uinta Basin Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is QEP Uinta Basin Inc. via surety as consent as provided for the 43 CFR 3104.2.

Qep Uinta Basin, Inc.
GB 8MU-20-8-22

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

Formation	***Depth***
Uinta	Surface
Green River	2491'
Wasatch	5676'
Mesa Verde	8486'
TD	10825'

2. Anticipated Depths of Oil, Gas, Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

Substance	***Formation***	***Depth***
Oil/Gas	Mesa Verde	10825'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted.

3. Anticipated Bottom Hole Pressures

Maximum anticipated bottom hole pressure equals approximately 4695. psi.

QEP UINTA BASIN, INC.
GB 8MU-20-8-22
2157' FNL 966' FEL
SENE, SECTION 20, T8S, R22E
UINTAH COUNTY, UTAH
LEASE # UTU-69001

ONSHORE ORDER NO. 1

MULTI – POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the GB 8MU-20-8-22 on January 10, 2006. Weather conditions were cold and cloudy at the time of the onsite. In attendance at the inspection were the following individauls:

Paul Buhler	Bureau of Land Management
Amy Torres	Bureau of Land Management
Jan Nelson	QEP Uinta Basin Inc.

1. **Existing Roads:**

The proposed well site is approximately 13 miles from Ouray, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

There will be no improvements made to existing road.

2. **Planned Access Roads:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

Refer to Topo Map B for the location of the proposed access road.

3. **Location of Existing Wells Within a 1 – Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

Refer to Topo Map D for the location of the proposed pipeline.

QEP requests a surface pipeline based on the following justification included in the attached "Request for Exception".

5. **Location and Type of Water Supply:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

6. **Source of Construction Materials:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

7. **Methods of Handling Waste Materials:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

8. **Ancillary Facilities:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

A pit liner is required. A felt pit liner will be required if bedrock is encountered.

10. **Plans for Reclamation of the Surface:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

Interim Reclamation

Please see attached Interim Reclamation plan.

Once the well is put onto production, QEP will reclaim as much of the well pad as possible that will allow for operations to continue in a safe and reasonable manner. Reseeding will be done in the spring or fall of every year to allow winter precipitation to aid in the succuss of reclamation.

Seed Mix:

Interim Reclamation:
9 lbs Hycrest Crested Wheatgrass
3 lbs Forage Kochia
Final Reclamation:
Seed Mix # 5 4 lbs Gardner Saltbush, 3 lbs Shadscale, 4 lb Hycrest Crested Wheat.

11. Surface Ownership:

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078
(435) 781-4400

12. Other Information

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A class III paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted directly to the appropriate agencies by Stephen D. Sandau. The inspection resulted in the location of no fossil resources. However, if vertebrate fossil(s) are found during construction a paleontologist should be immediately notified. QEP will provide paleo monitor if needed.

There is a Ferruginous Hawk Stipulation from March 1st to July 15th. No construction or drilling will commence during this period unless otherwise determined by a wildlife biologist that the site is inactive.

QEP will place production tanks out of line of sight of hawk nest.

Construct erosion control structure at the beginning of the diversion ditch. Keep the diversion on grade and round corner 8 as needed.

Install high water crossing at beginning of access road use culvert for over flow.

QEP Uinta Basin, Inc.
Request for Exception to Buried Pipeline
for
GB 8MU-20-8-22

QEP respectfully requests an exception to burying this pipeline. We understand the standard Condition of Approval (COA) that may be included in the approved Application for Permit to Drill (APD) is: "*As a Best Management Practice (BMP), the pipeline would be buried within the identified construction width of an access corridor that contains the access road and pipelines. The construction width for the access corridor would increase from 30 feet, by an additional 20 feet, to a total of 50 feet. Exceptions to this BMP may be granted where laterally extensive, hard indurated bedrock, such as sandstone, is at or within 2 feet of the surface; and, soil types with a poor history of successful rehabilitation.*" QEP will install the pipeline within the access corridor and will avoid cross-country installation when possible. Our reason for requesting a surface line is based on the following justification:

Class IV VRM

- This area's designated Visual Resource Management is classified as Class IV. The Class IV objective is to provide for management activities that require major modification to the existing character of the landscape. The level of change to the landscape can be high. The management activities may dominate the view and may be the major focus of the viewer attention. However, every attempt should be made to minimize the impact of these activities through careful location, minimal disturbance, and repetition of the basic visual elements of form, line, color, and texture.

- QEP feels that surface pipe will comply with this classification more so than buried pipe due to the amount of surface disturbance that will be required to bury it. We believe surface installation within the access corridor will minimize the disturbance so that the pipeline does not dominate the view.

Environmental and Safety Concerns

- Buried pipe will greatly increase surface disturbance and habitat fragmentation. The soil in this area has a poor history of successful rehabilitation. Buried pipe will have an increased corrosion rate and would need to be dug up for repairs or replacement; the constant surface disturbance will not allow time for successful reclamation.

- Increasing surface disturbance will greatly increase noxious and invasive weed infestation.

- With the increased corrosion rate, buried pipe may have undetectable leaks that could go unnoticed for months. Small leaks may turn into large plumes of underground hazards because they are not easily monitored and not seen right away. An undetected leak also increases the potential for explosive incidents. Once detected, the surface will need to be disturbed, once again, to dig up the line and replace or repair it.

- Accidents associated with pipe breaks during construction activities could increase substantially as the number of buried lines increases.

- The additional surface disturbance will increase the risk of disturbing paleontological sites.

Operational and Mechanical Concerns for Gas Lines

- Cathodic protection will be required for buried pipe. Cathodic protection requires anode beds that must be maintained. This will add substantial costs in labor and material. Additional power lines will need to be installed to the anode beds. The additional costs for equipment and labor will be approximately $50,000.00 per section.

- Pipeline markers need to be used with buried pipe. This will add costs in labor and material.

- Every tie in requires a valve. The average distance between valves is approximately ¼ mile. Valves will have to be placed in "freeze boxes" or "valve boxes". Valve boxes will be considered confined space which increases the manpower needed to repair or replace valves. Every valve box will also require bright yellow guard rails.

- Additional equipment required for buried pipe can include blades/dozers, trenchers (cutting or blasting in hard rock), side booms, etc. which increases installation costs.

- Buried pipe must have fusion bonded epoxy (FBE) coating. FBE pipe will cost an additional $2.00 per foot compared to bare pipe.

- This pipeline has the potential for being upgraded/upsized to a larger pipe diameter depending on production volumes. If upsizing is required, the pipe will need to be dug up which will cause additional surface disturbance and will not allow adequate time for successful reclamation.

- Surface lines are sometimes relocated to accommodate new locations; this is done in an effort to minimize the amount of pipe needed and the amount of surface disturbed. If this pipe is buried, this will no longer be an option.

Lessee's or Operator's Representative:

Jan Nelson
Red Wash Rep.
QEP Uinta Basin Inc.
11002 East 17500 South
Vernal, Utah 84078
(435) 781-4331

Certification:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

QEP Uinta Basin, Inc. will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by QEP Uinta Basin, Inc. its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Jan Nelson
Red Wash Representative

21-Jan-06
Date

QUESTAR EXPLR. & PROD.

GB #8MU-20-8-22

LOCATED IN UINTAH COUNTY, UTAH
SECTION 20, T8S, R22E, S.L.B.&M.

PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: EASTERLY**

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: EASTERLY**

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

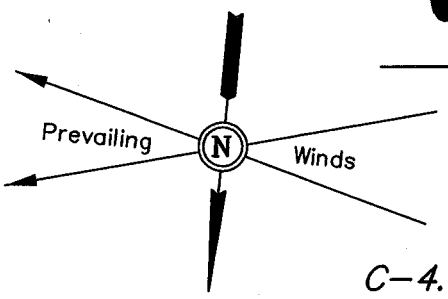
LOCATION PHOTOS	4 MONTH	26 DAY	02 YEAR	PHOTO
TAKEN BY: D.A.	DRAWN BY: P.M.	REV: 12-02-05 L.K.		

QUESTAR EXPLR. & PROD.

FIGURE #1

LOCATION LAYOUT FOR

GB #8MU-20-8-22
SECTION 20, T8S, R22E, S.L.B.&M.
2157' FNL 966' FEL



SCALE: 1" = 50'
DATE: 12-13-05
Drawn By: S.L.

NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

Proposed Access Road
Install CMP As Needed
C-4.2'
El. 22.8'
C-5.7'
El. 24.3'
Sta. 3+50
Round Corners as Needed
CONSTRUCT DIVERSION DITCH
Approx. Toe of Fill Slope
Topsoil Stockpile
PIPE TUBS
PIPE RACKS
CATWALK
FLARE PIT
Pit Topsoil
C-1.6'
El. 20.2'
C-0.9'
El. 19.5'
RIG
Sta. 1+75
TOILET
F-1.7'
El. 16.9'
Existing Drainage
DOG HOUSE
MUD TANKS
LIGHT PLANT
BOILER
COMPRESSOR
BOOSTER
PUMP HOUSE
TRAILER
WATER TANK
RESERVE PITS (12' Deep)
SLOPE 1-1/2 :1
10' WIDE BENCH
Reserve Pit Backfill & Spoils Stockpile
El. 23.5'
C-16.9'
(btm. pit)
Sta. 0+51
TRASH
PROPANE STORAGE
Total Pit Capacity W/2' of Freeboard = 10,620 Bbls. ±
Total Pit Volume = 2,870 Cu. Yds.
El. 24.0'
C-17.5'
(btm. pit)
C-3.5'
El. 22.1'
CONSTRUCT DIVERSION DITCH
C-3.6'
El. 22.2'
C-2.5'
El. 21.1'
Approx. Top of Cut Slope
F-0.9'
El. 17.7'
Sta. 0+00
48'
175'
150'
70'
8'

NOTES:

Elev. Ungraded Ground At Loc. Stake = 4819.5'
FINISHED GRADE ELEV. AT LOC. STAKE = 4818.6'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

QUESTAR EXPLR. & PROD.

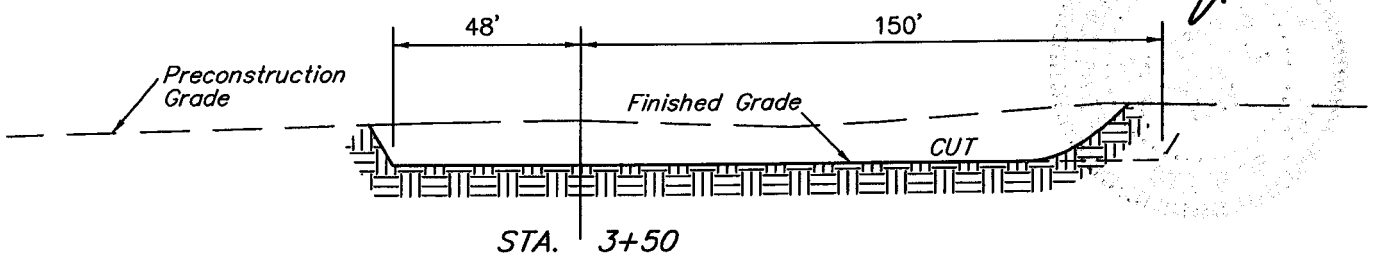
FIGURE #2

TYPICAL CROSS SECTIONS FOR

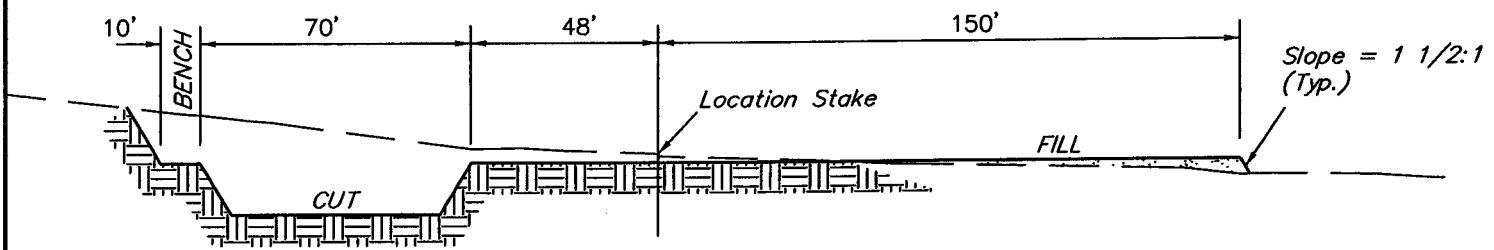
GB #8MU-20-8-22
SECTION 20, T8S, R22E, S.L.B.&M.
2157' FNL 966' FEL

1" = 20'
X-Section Scale
1" = 50'

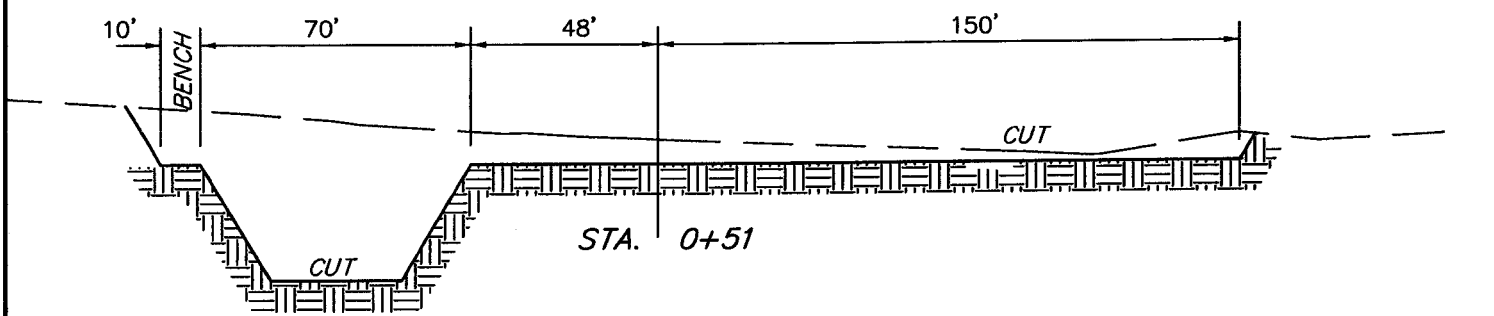
DATE: 12-13-05
Drawn By: S.L.



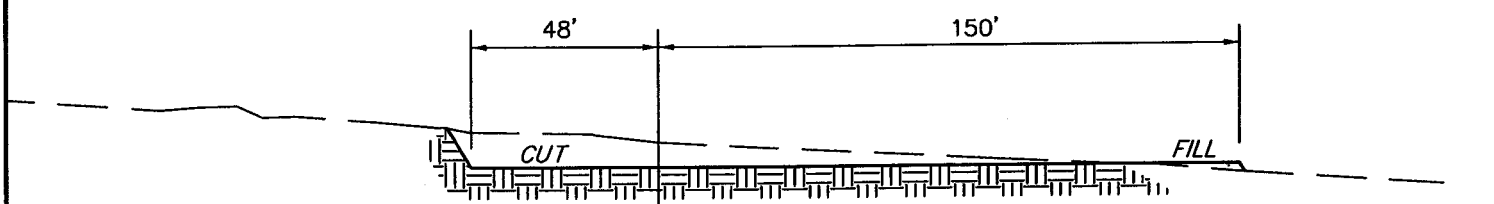
STA. 3+50



STA. 1+75



STA. 0+51



STA. 0+00

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT
(6") Topsoil Stripping = 1,690 Cu. Yds.
Remaining Location = 8,140 Cu. Yds.

TOTAL CUT = 9,830 CU.YDS.
FILL = 620 CU.YDS.

EXCESS MATERIAL = 9,210 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,130 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation) = 6,080 Cu. Yds.

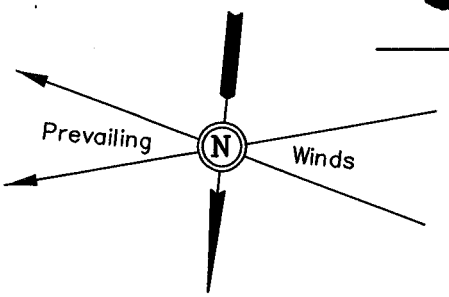
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

QUESTAR EXPLR. & PROD.

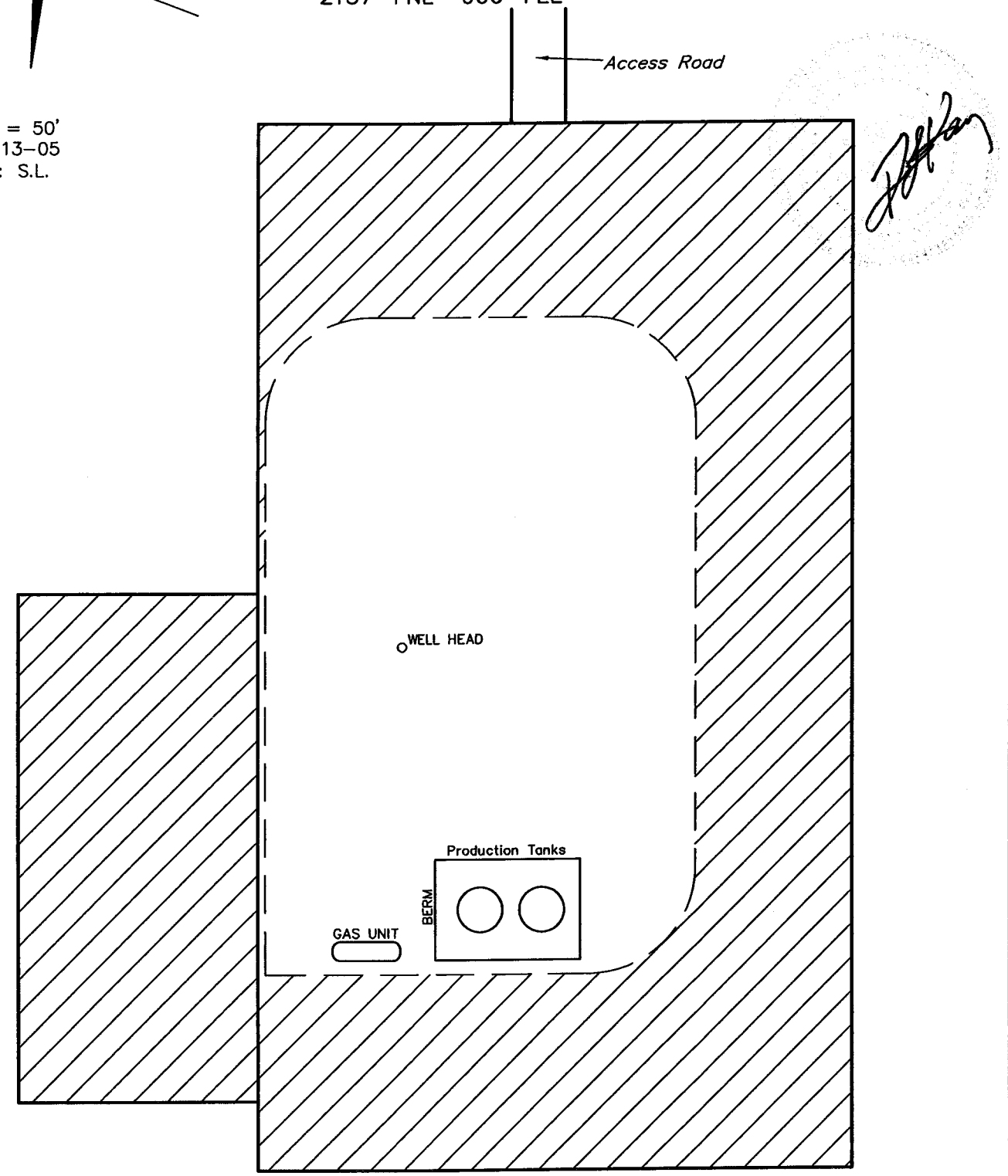
INTERIM RECLAMATION PLAN FOR

GB #8MU-20-8-22
SECTION 20, T8S, R22E, S.L.B.&M.
2157' FNL 966' FEL

FIGURE #3

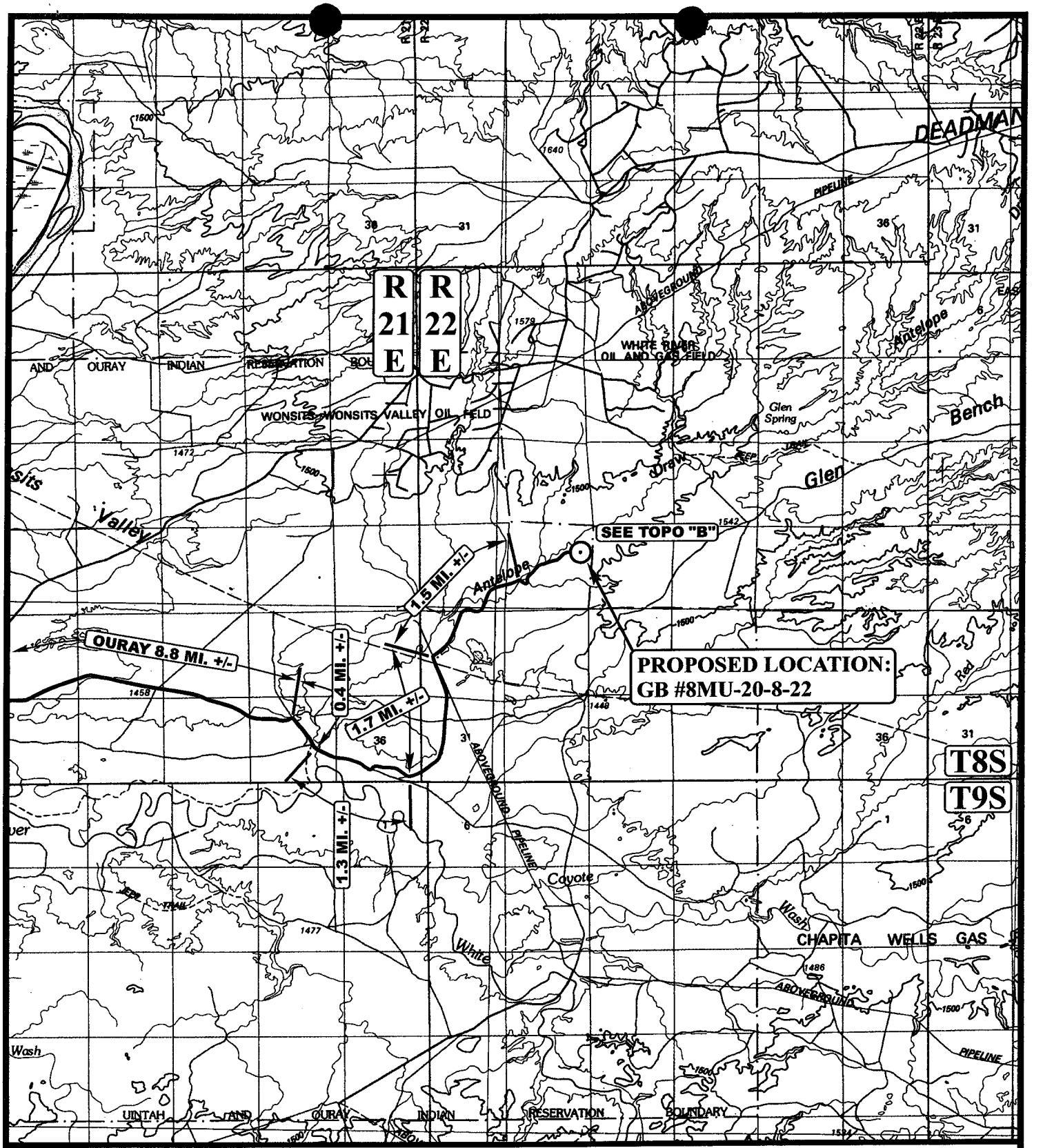


SCALE: 1" = 50'
DATE: 12-13-05
Drawn By: S.L.



INTERIM RECLAMATION

UINTAH ENGINEERING & LAND SURVEYING
*85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017*



LEGEND:

⊙ PROPOSED LOCATION

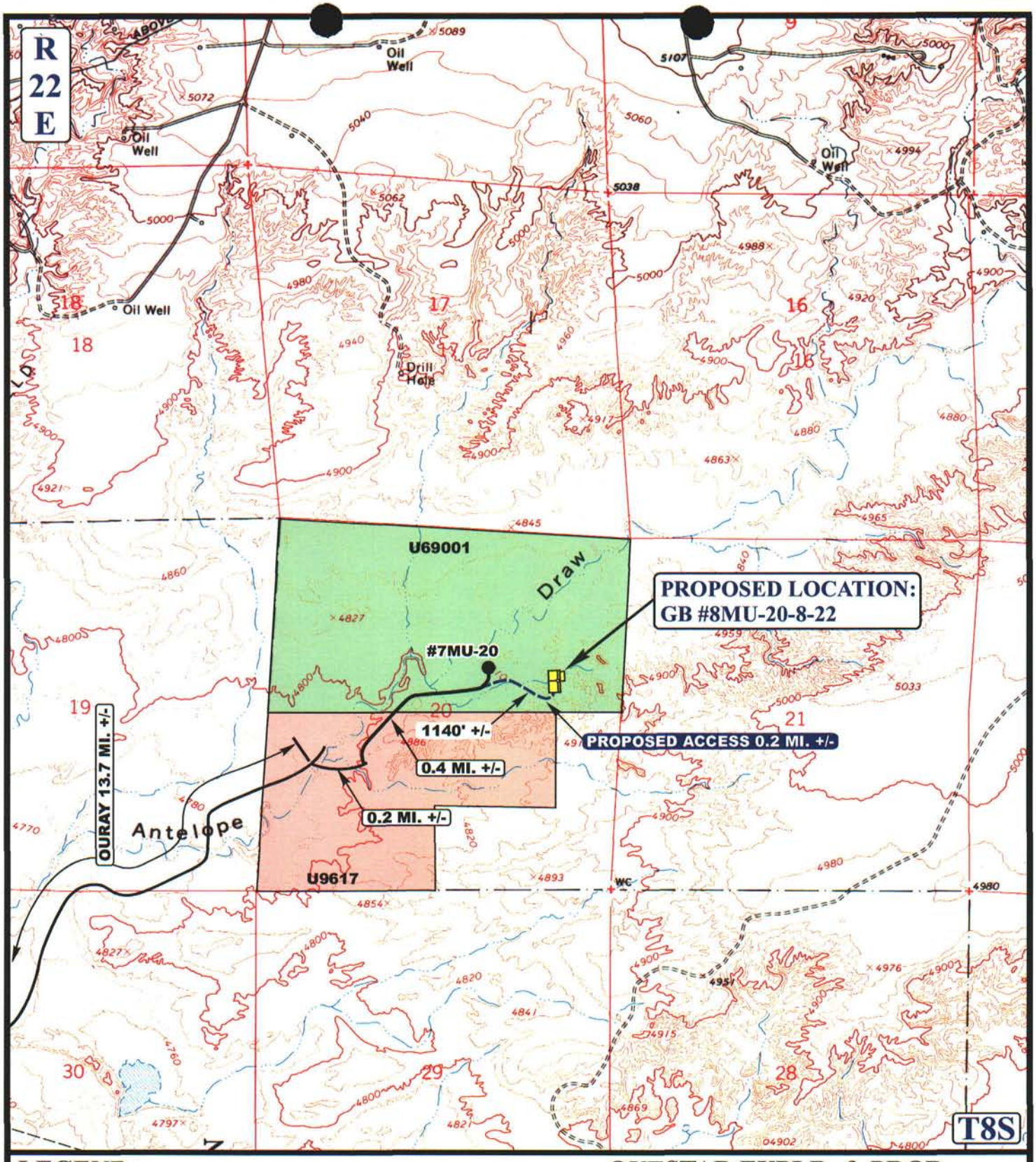
N

QUESTAR EXPLR. & PROD.

GB #8MU-20-8-22
SECTION 20, T8S, R22E, S.L.B.&M.
2157' FNL 966' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	4 MONTH	26 DAY	02 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: P.M.	REV: 12-02-05 L.K.		



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

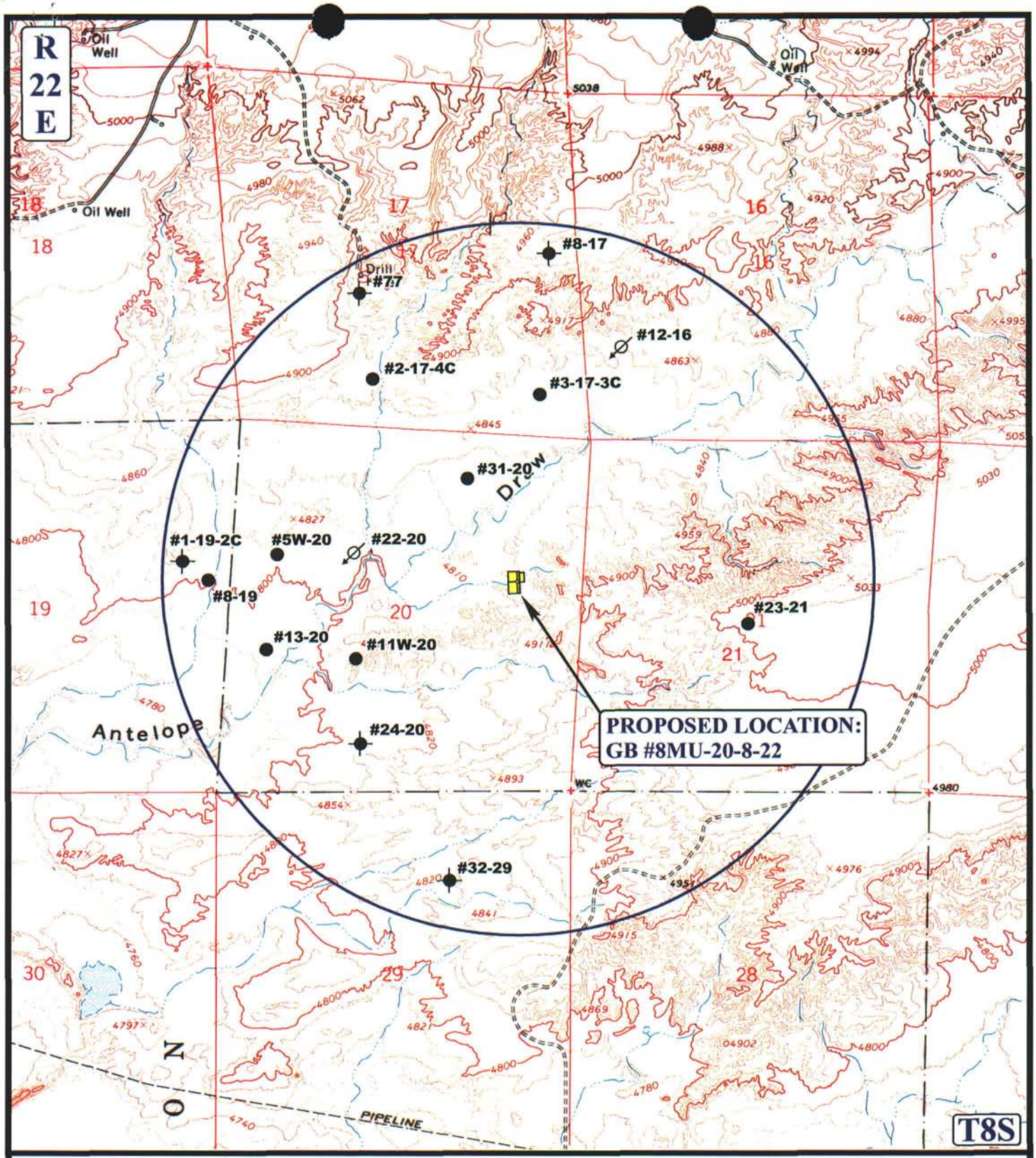
N

QUESTAR EXPLR. & PROD.

GB #8MU-20-8-22
SECTION 20, T8S, R22E, S.L.B.&M.
2157' FNL 966' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	4 MONTH	26 DAY	02 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: P.M.	REV: 01-13-06 L.K.		



LEGEND:

- DISPOSAL WELLS
- WATER WELLS
- PRODUCING WELLS
- ABANDONED WELLS
- SHUT IN WELLS
- TEMPORARILY ABANDONED

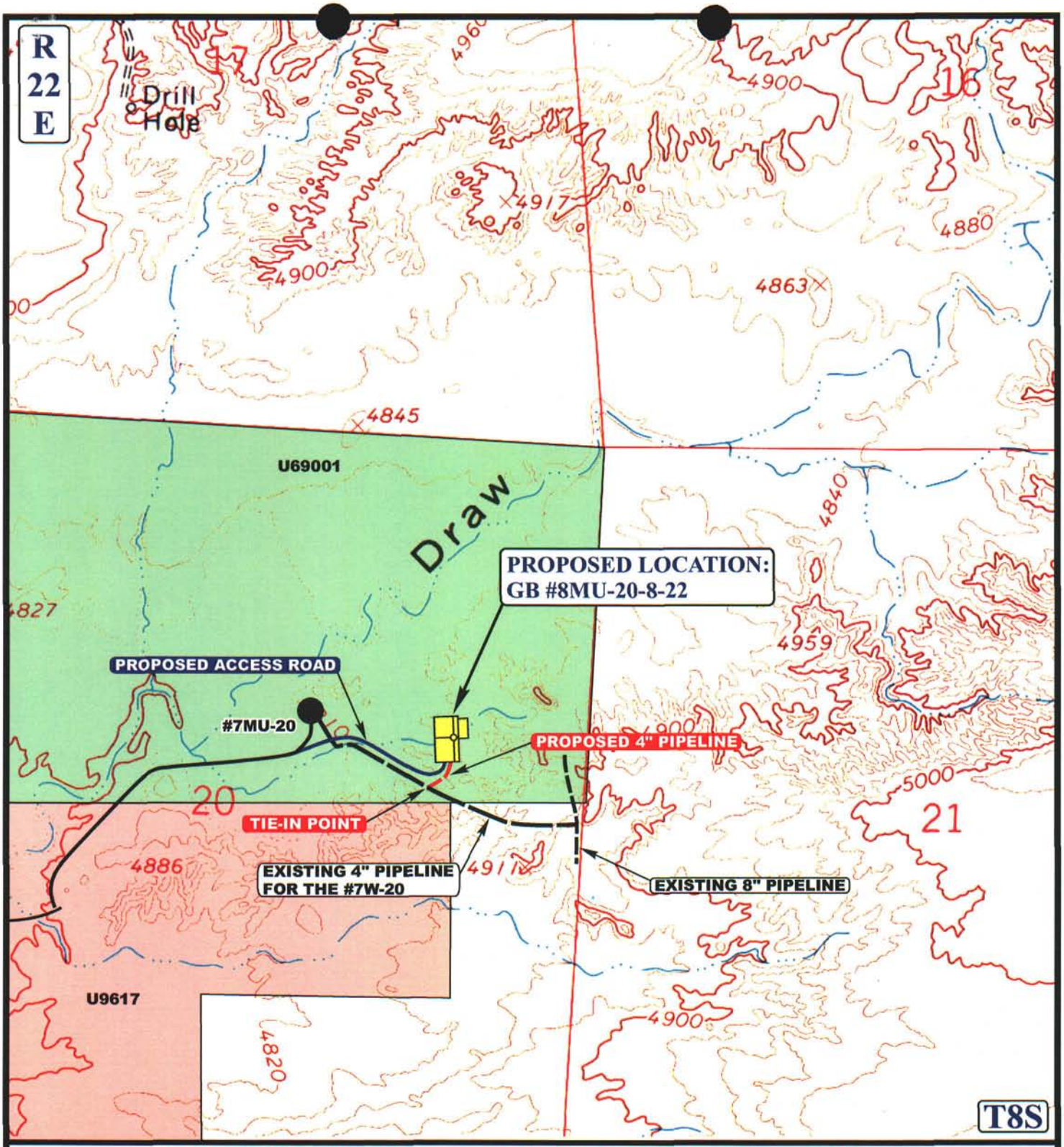
N

QUESTAR EXPLR. & PROD.

GB #8MU-20-8-22
SECTION 20, T8S, R22E, S.L.B.&M.
2157' FNL 966' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	4 MONTH	26 DAY	02 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: P.M.	REV: 12-02-05 L.K.		



APPROXIMATE TOTAL PIPELINE DISTANCE = 300' +/-

LEGEND:

PROPOSED ACCESS ROAD
EXISTING PIPELINE
PROPOSED PIPELINE

N

QUESTAR EXPLR. & PROD.

GB #8MU-20-8-22
SECTION 20, T8S, R22E, S.L.B.&M.
2157' FNL 966' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	4 MONTH	26 DAY	02 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: P.M.	REV: 01-13-06 L.K.		

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/31/2006

API NO. ASSIGNED: 43-047-37665

WELL NAME: GB 8MU-20-8-22

OPERATOR: QEP UINTA BASIN, INC. (N2460)

PHONE NUMBER: 435-781-4331

CONTACT: JAN NELSON

PROPOSED LOCATION:

SENE 20 080S 220E

SURFACE: 2157 FNL 0966 FEL

BOTTOM: 2157 FNL 0966 FEL

COUNTY: UINTAH

LATITUDE: 40.11040 LONGITUDE: -109.4567

UTM SURF EASTINGS: 631527 NORTHINGS: 4440941

FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-69001

PROPOSED FORMATION: MVRD

SURFACE OWNER: 1 - Federal

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. ESB000024)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 43-8496)

N RDCC Review (Y/N)
(Date:)

NA Fee Surf Agreement (Y/N)

NA Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: GLEN BENCH * Non PA

___ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

✓ R649-3-3. **Exception** *

___ Drilling Unit

Board Cause No:

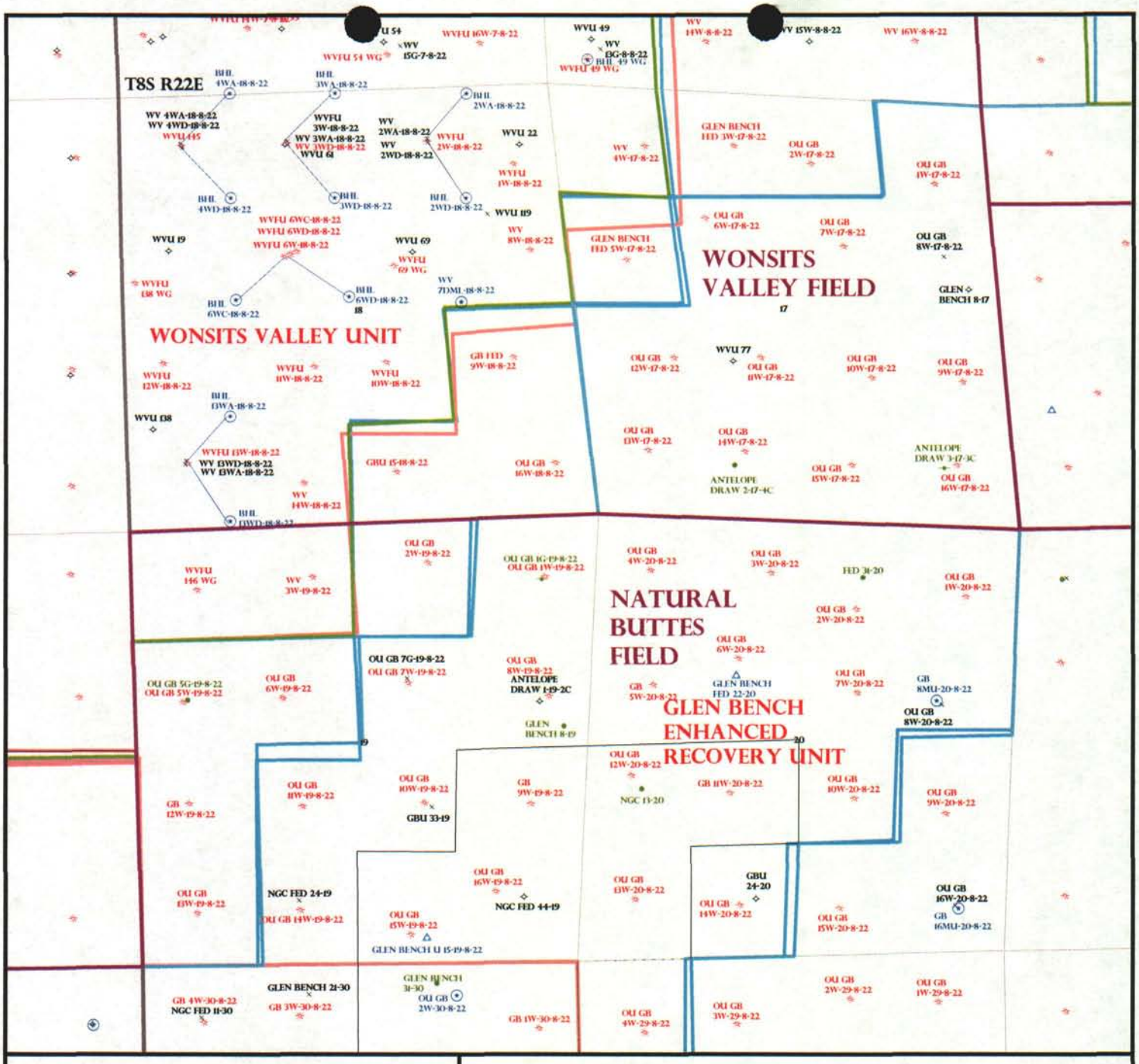
Eff Date:

Siting:

___ R649-3-11. Directional Drill

COMMENTS: Sop, Seperate file

STIPULATIONS: 1- Federal Approval
2- Spacing Stip



OPERATOR: QEP UINTA BASIN (N2460)

SEC: 20 **T.** 8S **R.** 22E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

SPACING: R649-3-3 / EXCEPTION LOCATION

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

Utah Oil Gas and Mining

N W E S

PREPARED BY: DIANA WHITNEY

DATE: 7-FEBRUARY-2006

State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

February 8, 2006

QEP Uinta Basin, Inc.
11002 E 17500 S
Vernal, UT 84078

Re: Glen Bench 8MU-20-8-22 Well, 2157' FNL, 966' FEL, SE NE, Sec. 20, T. 8 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37665.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

Operator: QEP Uinta Basin, Inc.

Well Name & Number Glen Bench 8MU-20-8-22

API Number: 43-047-37665

Lease: UTU-69001

Location: SE NE **Sec.** 20 **T.** 8 South **R.** 22 East

Conditions of Approval

1. General

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

   Notify the Division within 24 hours of spudding the well.

   - Contact Carol Daniels at (801) 538-5284.

   Notify the Division prior to commencing operations to plug and abandon the well.

   - Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Form 3160-3
(July 1992)

CONFIDENTIAL

RECEIVED
JAN 30 2006
BLM VERNAL, UTAH

RECEIVED
JAN 3 0 2006

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*

FORM APPROVED
OMB NO. 1040-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. LEASE DESIGNATION AND SERIAL NO.: UTU-69001

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME, WELL NO.: GB 8MU-20-8-22

TYPE OF WORK: DRILL ☑ DEEPEN ☐

TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER ☐ SINGLE ZONE ☑ MULTIPLE ZONE ☐

2. NAME OF OPERATOR: QEP Uinta Basin, Inc.
Contact: Jan Nelson
E-Mail: jan.nelson@questar.com

9. API WELL NO.: 43-047-37665

3. ADDRESS: 11002 E. 17500 S. Vernal, Ut 84078
Telphone number: Phone 435-781-4331 Fax 435-781-4329

10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*)
At Surface: 2157' FNL 966' FEL, SENE, SECTION 20, T8S, R22E
At proposed production zone

11. SEC.,T, R, M, OR BLK & SURVEY OR AREA: SENE, SECTION 20, T8S, R22E

14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE*: 13 +/- MILES FROM OURAY, Utah

12. COUNTY OR PARISH: UINTAH

13. STATE: UT

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drig,unit line if any): 966'+/-

16.NO.OF ACRES IN LEASE: 320

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

18.DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft: 1200' +/-

19. PROPOSED DEPTH: 10825'

20. BLM/BIA Bond No. on file: ESB000024

21. ELEVATIONS (Show whether DF, RT, GR, ect.): 4818.6' GR

22. DATE WORK WILL START: ASAP

23. Estimated duration: 10 DAYS

24. Attachments

The following,completed in accordance with the requirments of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan
3. A surface Use Plan (if location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an exisiting bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

SIGNED Jan Nelson Name (Printed) Jan Nelson Date 1-21-06

TITLE Regulatory Affairs

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED
NOV 0 7 2006
DIV. OF OIL, GAS & MINING

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify the applicant holds any legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Jerry Kenczka TITLE Assistant Field Manager Lands & Mineral Resources DATE 10-13-2006

*See Instructions On Reverse Side

Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any mater within its jurisdiction

UDOGM

NOTICE OF APPROVAL

06BM0753A

CONDITIONS OF APPROVAL ATTACHED

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**QEP Uintah Basin, Inc.**	**Location:**	**SENE, Sec 20, T8S, R22E**
Well No:	**GB 8MU-20-8-22**	**Lease No:**	**UTU-69001**
API No:	**43-047-37665**	**Agreement:**	**N/A**

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Karl Wright)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Karl Wright)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Jamie Sparger)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Jamie Sparger)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

1. The buried pipeline exception request has been received. It has been determined that the pipeline route has bedrock exposed at the surface. The exception is granted for a surface pipeline.

2. The well pad, access road and pipeline would need to be monitored by a BLM approved paleontologist.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. A surface casing shoe integrity test shall be performed.

2. The production casing cement top shall be at a minimum of 200' above the surface casing shoe.

3. A Cement Bond Log shall be run from TD to the surface casing shoe and a field copy shall be submitted to the BLM Vernal Field Office.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.

2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.

3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**

4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

   All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

   BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

   Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

   No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

6. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.

7. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

   Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

   Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

   In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

   A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

   All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

10. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.

11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

    a. Operator name, address, and telephone number.

    b. Well name and number.

    c. Well location (¼¼, Sec., Twn, Rng, and P.M.).

    d. Date well was placed in a producing status (date of first production for which royalty will be paid).

    e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

    f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

    g. Unit agreement and / or participating area name and number, if applicable.

    h. Communitization agreement number, if applicable.

13. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.

14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production

15. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

Change of Operator (Well Sold) **X - Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective: **1/1/2007**

FROM: (Old Operator):	**TO:** (New Operator):
N2460-QEP Uinta Basin, Inc.	N5085-Questar E&P Company
1050 17th St, Suite 500	1050 17th St, Suite 500
Denver, CO 80265	Denver, CO 80265
Phone: 1 (303) 672-6900	Phone: 1 (303) 672-6900

CA No. **Unit:** **GLEN BENCH UNIT**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS				*				

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 1/31/2005

4a. Is the new operator registered in the State of Utah: Business Number: 764611-0143

5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE

5b. Inspections of LA PA state/fee well sites complete on: n/a

5c. Reports current for Production/Disposition & Sundries on: n/a

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA

7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007

8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on:

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 4/30/2007 and 5/15/2007
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 4/30/2007 and 5/15/2007
3. Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
4. Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
5. Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024
2. Indian well(s) covered by Bond Number: 799446

3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033

3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS: THIS IS A COMPANY NAME CHANGE.
SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
GLEN BENCH (ENHANCED RECOVERY) UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
GB 8D-20-8-22	GB 8D-20-8-22	SENE	20	080S	220E	4304737665	15977	Federal	GW	DRL
WHITE RIVER U 16-9	WR 16-9	SWSE	09	080S	220E	4304715081	4915	Federal	OW	S
GLEN BENCH 31-30	GLEN BENCH 31-30	NWNE	30	080S	220E	4304731008	13727	Federal	OW	P
NGC 13-20	GB 13-20	NWSW	20	080S	220E	4304731355	13727	Federal	OW	P
GLEN BENCH FED 22-20	GB 22-20	SENW	20	080S	220E	4304731356	13727	Federal	WI	A
FED 31-20	GB 31-20	NWNE	20	080S	220E	4304731433	13727	Federal	OW	P
ANTELOPE DRAW 2-17-4C	GB 2-17	SESW	17	080S	220E	4304731555	13727	Federal	OW	P
ANTELOPE DRAW 3-17-3C	GB 3-17	SESE	17	080S	220E	4304731556	13727	Federal	OW	S
GLEN BENCH 8-19	GB 8-19	SENE	19	080S	220E	4304732476	13727	Federal	OW	P
GLEN BENCH 4-30-8-22	GB 4-30-8-22	NWNW	30	080S	220E	4304732755	13727	Federal	OW	S
GLEN BENCH U 15-19-8-22	GB 15-19-8-22	SWSE	19	080S	220E	4304732756	13727	Federal	WI	A
OU GB 1G-19-8-22	OU GB 1G-19-8-22	NENE	19	080S	220E	4304734696	13727	Federal	OW	S
OU GB 2W-30-8-22	GB 2ML-30-8-22	NWNE	30	080S	220E	4304735080	14816	Federal	GW	P
GB 8ML-17-8-22	GB 8ML-17-8-22	SENE	17	080S	220E	4304737995		Federal	GW	APD
WHITE RIVER U 43-16	WR 43-16	NENW	16	080S	220E	4304731354	5170	State	OW	S
WHITE RIVER U 45-16	GB 45-16	NENE	16	080S	220E	4304731399	13727	State	OW	P
GLEN BENCH ST 6-16	GB 6-16	SENW	16	080S	220E	4304732549	13727	State	WI	A
GLEN BENCH ST 7-16	GB 7-16	SWNE	16	080S	220E	4304732582	13727	State	WI	A
GLEN BENCH ST 12-16	GB 12-16	NWSW	16	080S	220E	4304732583	13727	State	WI	A
GLEN BENCH U 11-16-8-22	GB 11-16-8-22	NESW	16	080S	220E	4304732857	13727	State	OW	P
GB 1MU-16-8-22	GB 1MU-16-8-22	NENE	16	080S	220E	4304734656	14251	State	GW	P
OU GB 7W-16-8-22	OU GB 7W-16-8-22	SWNE	16	080S	220E	4304734659	13747	State	GW	P

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: see attached	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached	
7. UNIT or CA AGREEMENT NAME: see attached	
1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER	8. WELL NAME and NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY	9. API NUMBER: attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 308-3068	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	COUNTY: Uintah STATE: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Operator Name Change
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:
Federal Bond Number: 965002976 (BLM Reference No. ESB000024)
Utah State Bond Number: 965003033
Fee Land Bond Number: 965003033
Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

Jay B. Neese, Executive Vice President
Questar Exploration and Production Company

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs

SIGNATURE DATE 3/16/2007

(This space for State use only)

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APR 19 2007
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: see attached	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached	
7. UNIT or CA AGREEMENT NAME: see attached	
1 TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER	8. WELL NAME and NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY	9. API NUMBER: attached
3 ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265	PHONE NUMBER: (303) 308-3068 / 10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	COUNTY: Uintah STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Well Name Changes
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs

SIGNATURE [signature] DATE 4/17/2007

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APR 19 2007
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
3180
UT-922

April 23, 2007

Questar Exploration and Production Company
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Glen Bench Enhanced Recovery Unit
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the Glen Bench Enhanced Recovery Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Glen Bench Enhanced Recovery Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Glen Bench Enhanced Recovery Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure
bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
File - Glen Bench Enhanced Recovery Unit (w/enclosure)
Agr. Sec. Chron
Reading File
Central Files
UT922:TAThompson:tt:4/23/07

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-69001

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME: GLEN BENCH

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER _____

8. WELL NAME and NUMBER: GB 8MU-20-8-22

2. NAME OF OPERATOR: QEP UINTA BASIN, INC

9. API NUMBER: 4304737665

3. ADDRESS OF OPERATOR: 11002 E. 17500 S. CITY VERNAL STATE UT ZIP 84078

PHONE NUMBER: (435) 781-4032

10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2157' FNL 966' FEL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 20 8S 22E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
_____	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: APD EXTENSION
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP Uinta Basin, Inc. hereby requests a 1 year extension on the GB 8MU-20-8-22.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 02-07-07

By: _____

COPY SENT TO OPERATOR
Date: 2-8-07
Init: RM

NAME (PLEASE PRINT) Laura Bills TITLE Regulatory Assistant

SIGNATURE Laura Bills DATE 2/1/2007

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FEB 05 2007
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

[redacted]

Application for Permit to Drill
Request for Permit Extension
Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-37665
Well Name: GB 8MU-20-8-22
Location: 2157' FNL 966' FEL, SENE, SEC. 20, T8S, R22E
Company Permit Issued to: QEP UINTA BASIN, INC.
Date Original Permit Issued: 2/8/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes☐ No☑

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes☐ No☑

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes☐ No☑

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes☐ No☑

Has the approved source of water for drilling changed? Yes☐ No☑

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes☐ No☑

Is bonding still in place, which covers this proposed well? Yes☑ No☐

Tawna Bills
Signature

2/1/2007
Date

Title: REGULATORY ASSISTANT

Representing: QEP UINTA BASIN, INC.

FEB 05 2007

DIV. OF OIL, GAS & MINING

Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

CONFIDENTIAL

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.	UTU-69001
6. If Indian, Allottee or Tribe Name	N/A
7. If Unit or CA/Agreement, Name and/or No.	GLEN BENCH
8. Well Name and No.	GB 8MU-20-8-22
9. API Well No.	43-047-37665
10. Field and Pool, or Exploratory Area	NATURAL BUTTES
11. County or Parish, State	UINTAH

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
QEP Uinta Basin, Inc. *Contact: Jim Davidson*

3a. Address
1571 East 1700 South, Vernal, UT 84078

3b. Phone No. *(include area code)*
303-308-3090

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
2157' FNL 966' FEL SENE SECTION 20, T8S, R22E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☒ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days Following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

QEP Uinta Basin, Inc. proposes to drill this well to the Dakota formation. The proposed TD was 10,825', the new proposed TD will be 16,575'. Please refer to attached drilling plan.

QEP Uinta Basin, Inc. proposes to change the well name from GB 8MU-20-8-22 to GB 8D-20-8-22.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 02-07-07
By:

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FEB 06 2007
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)* Jan Nelson	Title Regulatory Affairs
Signature	Date January 31, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	COPY SENT TO OPERATOR Date: 2-8-07 Initials: CHD

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

CONFIDENTIAL

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

Formation	Depth
Uinta	Surface
Green River	2,504'
Wasatch	5,704'
Mesaverde	8,464'
Sego	10,837'
Castlegate	11,004'
Blackhawk	11,378'
Mancos Shale	11,854'
Mancos B	12,216'
Frontier	14,953'
Dakota Silt	15,827'
Dakota	16,069'
Morrison	16,469'
TD	16,575'

2. Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas. Or other mineral bearing formations are expected to be encountered are as follows:

Substance	Formation	Depth
Gas	Wasatch	5,704'
Gas	Mesaverde	8,464'
Gas	Blackhawk	11,378'
Gas	Mancos Shale	11,854
Gas	Mancos B	12,216'
Gas	Dakota	16,069'

DRILLING PROGRAM

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

3. Operator's Specification for Pressure Control Equipment:

A. 13-5/8" 5000 psi double gate, 5,000 psi annular BOP (schematic included) from surface hole to 9-5/8" casing point.

B. 11" 10,000 psi double gate, 10,000 psi single gate, 10,000 psi annular BOP (schematic included) from 9-5/8" casing point to total depth.

C. Functional test daily

D. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.

E. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 10M system and individual components shall be operable as designed.

DRILLING PROGRAM

4. **Casing Design:**

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.
26"	20"	sfc	40-60'	Steel	Cond.	None	Used
17-1/2"	13-3/8	sfc	500'	54.5	K-55	STC	New
12-1/4"	9-5/8"	sfc	8600'	47	HCP-110	LTC	New
8-1/2"	7"	8000'	9000'	26	HCP-110	LTC	New
8-1/2"	7"	9000'	12,500'	29* SDrift	HCP-110	LTC	New
6-1/8"	4-1/2"	sfc	13,700'	15.1	P-110	LTC	New
6-1/8"	4-1/2"	13,700'	16,575'	15.1	Q-125	LTC	New

Casing Strengths:				Collapse	Burst	Tensile (minimum)
13-3/8"	54.5 lb.	K-55	STC	1,130 psi	2,730 psi	547,000 lb.
9-5/8"	47 lb.	HCP-110	LTC	7,100 psi	9,440 psi	1,213,000 lb.
7"	26 lb.	HCP-110	LTC	7,800 psi	9,950 psi	693,000 lb.
7"	29 lb.*	HCP-110	LTC	9,200 psi	11,220 psi	797,000 lb.
4-1/2"	15.1 lb.	P-110	LTC	14,350 psi	14,420 psi	406,000 lb.
4-1/2"	15.1 lb.	Q-125	LTC	15,840 psi	16,380 psi	438,000 lb.

*** Special Drift**

MINIMUM DESIGN FACTORS:

COLLAPSE: 1.125
BURST: 1.10
TENSION: 1.80

Area Fracture Gradient: 0.9 psi/foot
Maximum anticipated mud weight: 15.4 ppg
Maximum surface treating pressure: 12,500 psi

DRILLING PROGRAM

5. Auxiliary Equipment

A. Kelly Cock – yes

B. Float at the bit – no

C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show

D. Full opening safety valve on the rig floor – yes

E. Rotating Head – yes
If drilling with air the following will be used:

F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.

G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').

H. Compressor shall be tied directly to the blooie line through a manifold.

I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 15.4 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

6. Testing, logging and coring program

A. Cores – none anticipated

B. DST – none anticipated

C. Logging – Mud logging – 4500' to TD
GR-SP-Induction, Neutron Density, FMI

D. Formation and Completion Interval: Mancos interval, final determination of completion will be made by analysis of logs.
Stimulation – Stimulation will be designed for the particular area of interest as encountered.

7. Cementing Program

20" Conductor:
Cement to surface with construction cement.

13-3/8" Surface Casing: sfc – 500' (MD)
Slurry: 0' – 500'. 610 sxs (731 cu ft) Premium cement + 0.25 lbs/sk Flocele + 2% $CaCl_2$ Slurry wt: 15.6 ppg, slurry yield: 1.20 ft^3/sx, slurry volume: 17-1/2" hole + 100% excess.

9-5/8" Intermediate Casing: sfc - 8600' (MD)
Lead Slurry: 0' – 7,600'. 1620 sks (4760 cu ft) Rockies LT cement + 0.25 lb/sk Flocele. Slurry wt: 11.5 ppg, Slurry yield: 2.94 ft^3/sk, Slurry volume: 12-1/4" hole + 100% excess.
Tail Slurry: 7,600' – 8,600'. 315 sks (626 cu ft) Rockies LT cement + 0.25 lb/sk Flocele. Slurry wt: 13.0 ppg, Slurry yield: 1.99 ft^3/sk, Slurry volume: 12-1/4" hole + 100% excess.

7" Intermediate Casing: 8000 - 12,500' (MD)
Foamed Lead Slurry 2: 8,000' – 11,500'. 340 sks (665 cu ft) 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive + 1.5% Zonesealant 2000 foamer. Slurry wt: 14.3 ppg, foamed 11.5 ppg, Slurry yield: 1.48 ft^3/sk, Slurry yield foamed: 1.96 ft^3/sk, Slurry volume: 8-1/2" hole + 50% excess.
Tail Slurry: 11,500' – 12,500'. 128 sks (190 cu ft) of 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive. Slurry wt: 14.3 ppg, Slurry yield: 1.48 ft^3/sk, Slurry volume: 8-1/2" hole + 50% excess.

4-1/2" Production Casing: sfc - 16,575' (MD)
Lead/Tail Slurry: 5,500 - 16,575'. 795 sks (1304 cu ft) Premium Cement + 0.5% HR-12 retarder + 35% SSA-1 + 0.2% Suspend HT + 0.4% Halad(R)-344 fluid loss + 0.3% Halad(R)-413 fluid loss + 0.4% Super CBL gas migration + 0.2% HR-25 retarder. Slurry wt: 15.25 ppg, Slurry yield: 1.64 ft^3/sk, Slurry volume: 6-1/8" hole + 25% in open hole section.

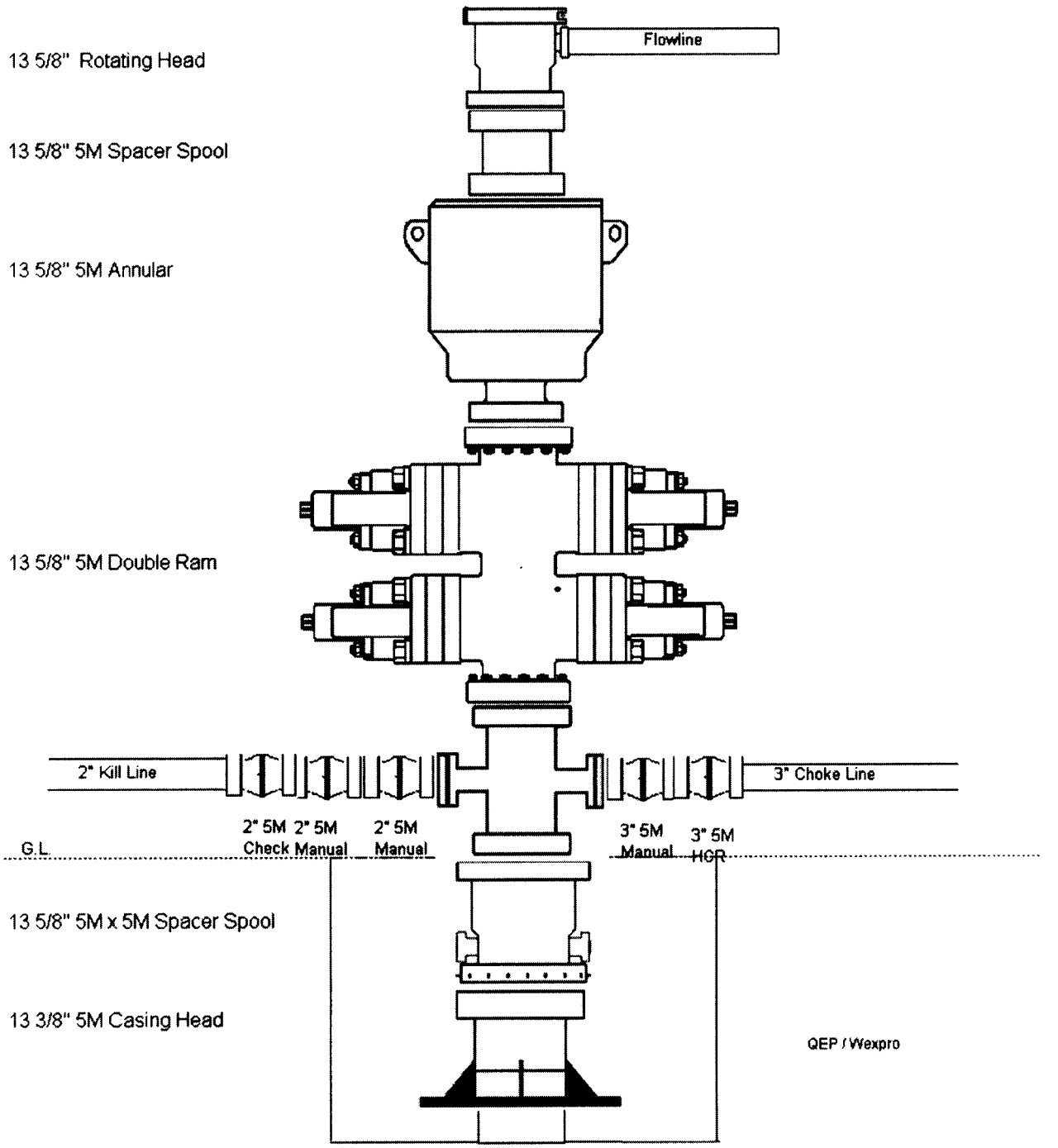
*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface on the intermediate string and 5,000' on the production string. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

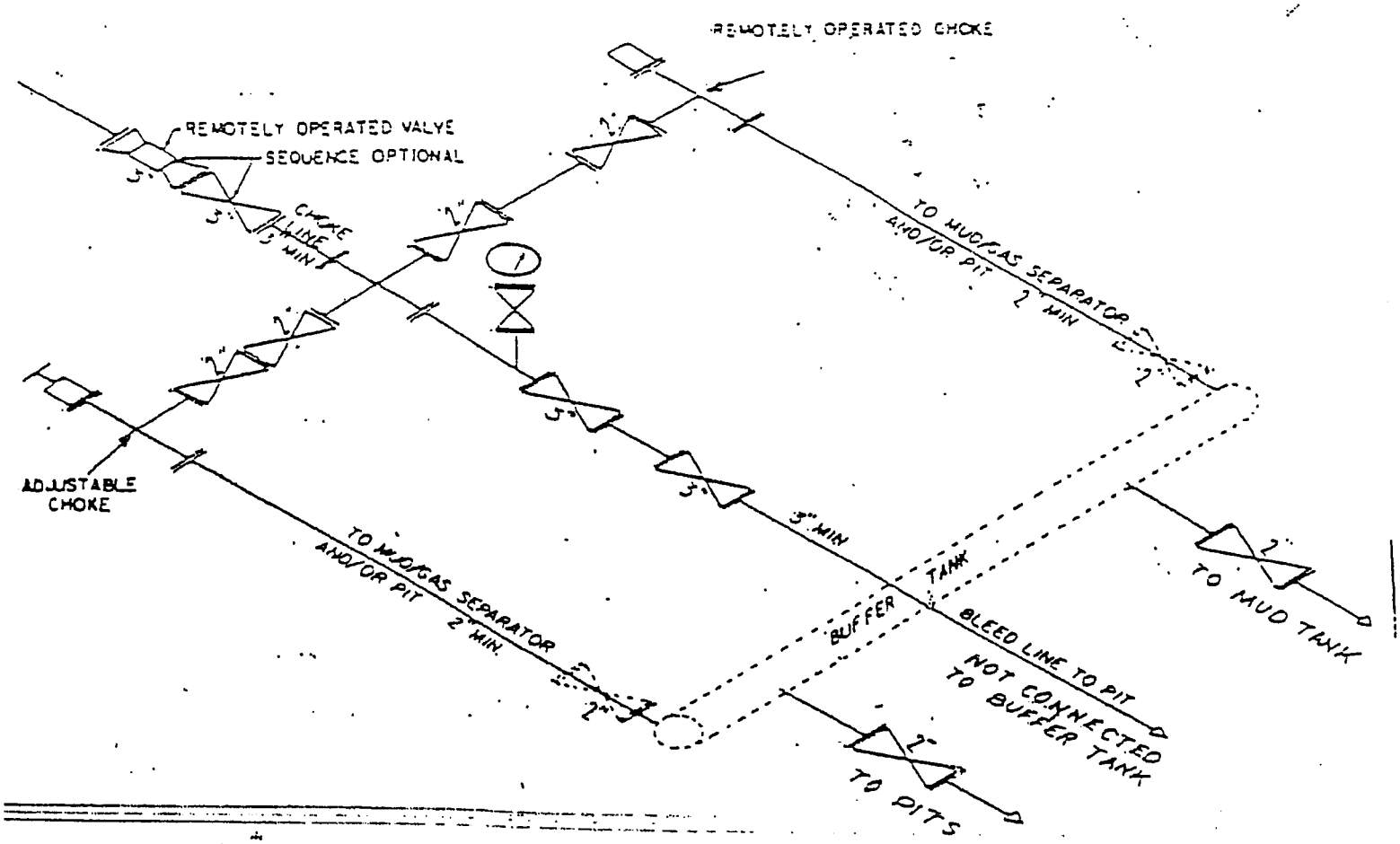
8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H2S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 13,400 psi. Maximum anticipated bottom hole temperature is 320° F.

ONSHORE OIL & GAS ORDER NO. 1
QEP UINTA BASIN, INC.
GB 8D-20-8-22

DRILLING PROGRAM





② 5M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION OF CHOKES MAY VARY

[FR Doc. 88-26738 Filed 11-17-88; 8:45 am]
BILLING CODE 4310-84-C

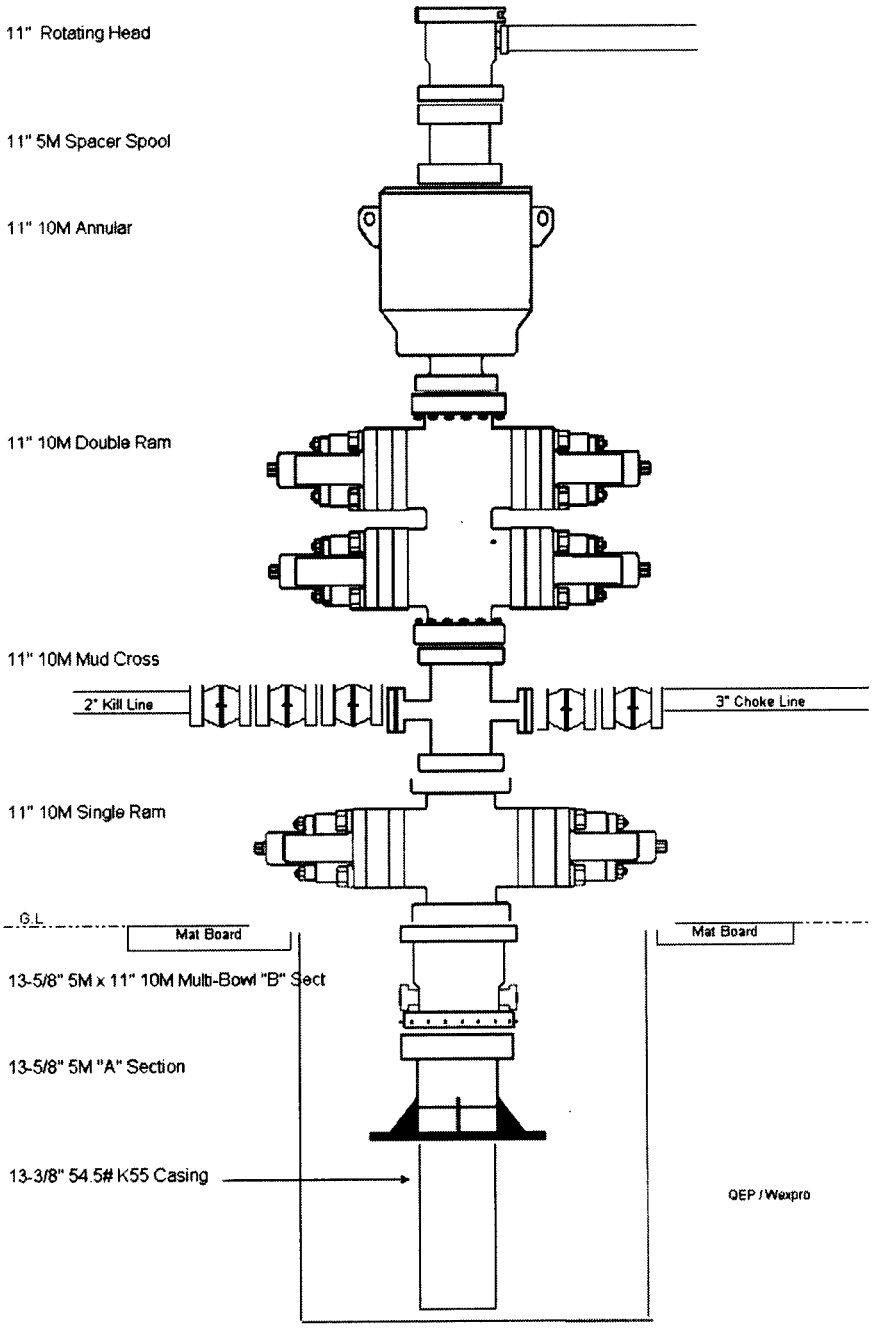
ONSHORE OIL & GAS ORDER NO. 1
QEP UINTA BASIN, INC.
GB 8D-20-8-22

DRILLING PROGRAM

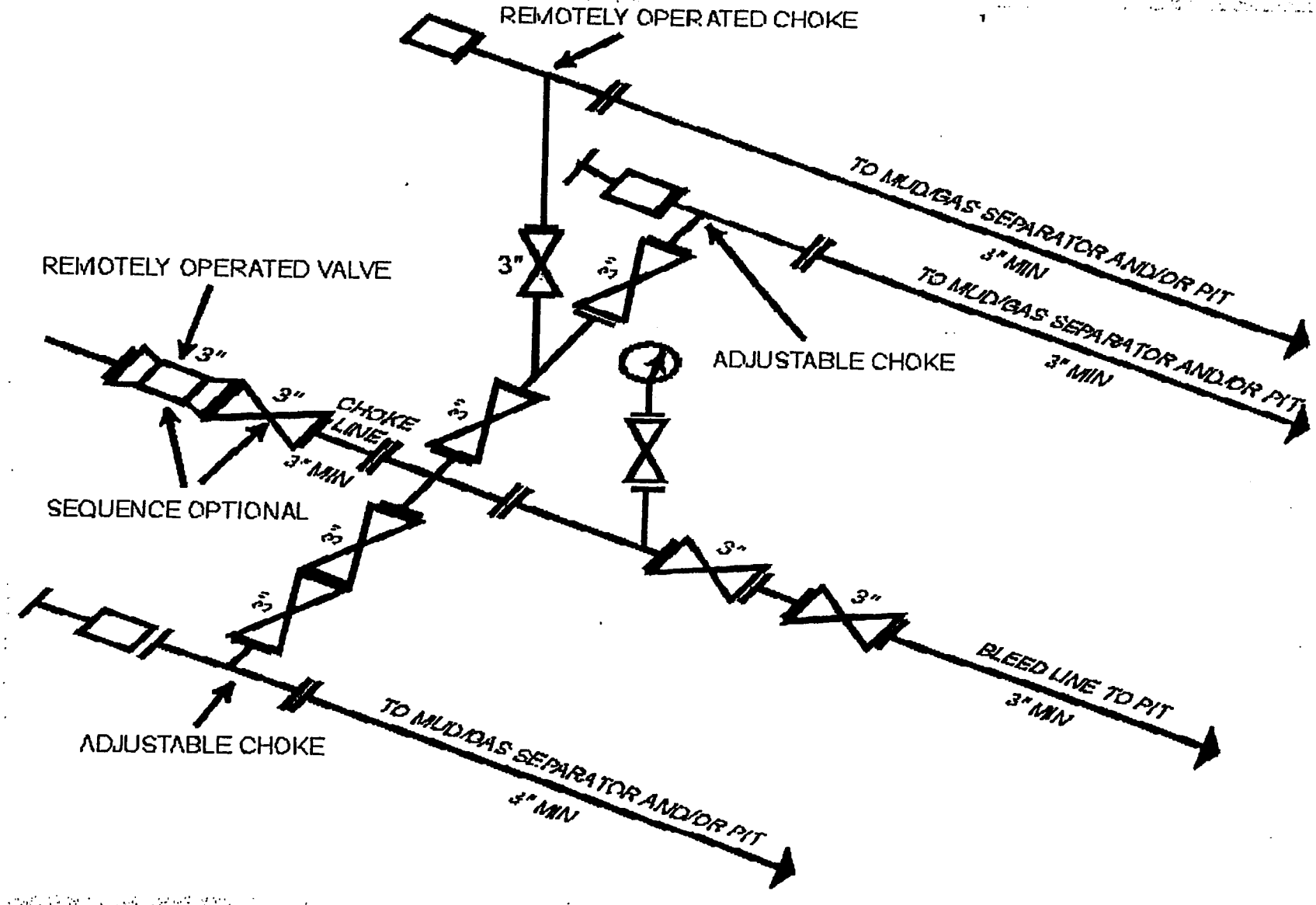
Purpose:

The stack arrangement with the 7" liner hanger allows an 11" stack to fit in the sub of Ensign 24 and True 32. This arrangement requires using a 5000 psi 13-5/8 double gate stack until the 9-5/8" is set. After the 9-5/8" casing is set, a spacer spool is nippled down and an 13-5/8" 5000 psi x 13-5/8" 10,000 psi "B" section is nippled up. The 11" 10K stack is nippled up on top of the "B" section.

BOP Requirements:



Attachment I. Diagrams of Choke Manifold Equipment



I-4 10M and 15M Choke Manifold Equipment -- Configuration of chokes may vary

[54 FR 39528, Sept. 27, 1989]

Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

5. Lease Serial No.
UTU-69001

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA/Agreement, Name and/or No.
GLEN BENCH

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
GB 8D-20-8-22

2. Name of Operator
QEP Uinta Basin, Inc. *Contact: Jim Davidson*

9. API Well No.
43-047-37665

3a. Address
1571 East 1700 South, Vernal, UT 84078

3b. Phone No. *(include area code)*
303-308-3090

10. Field and Pool, or Exploratory Area
NATURAL BUTTES

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
2157' FNL 966' FEL SENE SECTION 20, T8S, R22E

11. County or Parish, State
UINTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☒ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days Following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

QEP Uinta Basin, Inc. proposes to change the casing design from what was originally approved. The casing design reflects the lower bottom hole pressure found from the offset wells.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*	Title
Jan Nelson	Regulatory Affairs
Signature	Date
	February 20, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

CONFIDENTIAL

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

Formation	Depth
Uinta	Surface
Green River	2,504'
Wasatch	5,704'
Mesaverde	8,464'
Sego	10,837'
Castlegate	11,004'
Blackhawk	11,378'
Mancos Shale	11,854'
Mancos B	12,216'
Frontier	14,953'
Dakota Silt	15,827'
Dakota	16,069'
Morrison	16,469'
TD	16,575'

2. Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas. Or other mineral bearing formations are expected to be encountered are as follows:

Substance	Formation	Depth
Gas	Wasatch	5,704'
Gas	Mesaverde	8,464'
Gas	Blackhawk	11,378'
Gas	Mancos Shale	11,854
Gas	Mancos B	12,216'
Gas	Dakota	16,069'

DRILLING PROGRAM

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

3. Operator's Specification for Pressure Control Equipment:

A. 11" or 13-5/8" 10,000 psi double gate, 10,000 psi single gate, 10,000 psi annular BOP (schematic included) from 9-5/8" casing point to total depth. The choice of BOP stacks is based on the drilling contractors availability.

B. Functional test daily

C. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.

D. Ram type preventers and associated equipment shall be tested to the approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 10M system and individual components shall be operable as designed.

DRILLING PROGRAM

4. Casing Design:

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.
26"	20"	Sfc	40-60'	Steel	Cond.	None	Used
12-1/4"	9-5/8"	Sfc	700'	36	J-55	LTC	New
8-1/2"	7"	Sfc	9000'	26	HCP-110	LTC	New
8-1/2"	7"	9000'	11,900'	29* SDrift	HCP-110	LTC	New
6-1/8"	4-1/2"	sfc	13,700'	15.1	P-110	LTC	New
6-1/8"	4-1/2"	13,700'	16,575'	15.1	Q-125	LTC	New

Casing Strengths:				Collapse	Burst	Tensile (minimum)
9-5/8"	36 lb.	J-55	LTC	2,020 psi	3,520 psi	453,000 lb.
7"	26 lb.	HCP-110	LTC	7,800 psi	9,950 psi	693,000 lb.
7"	29 lb.*	HCP-110	LTC	9,200 psi	11,220 psi	797,000 lb.
4-1/2"	15.1 lb.	P-110	LTC	14,350 psi	14,420 psi	406,000 lb.
4-1/2"	15.1 lb.	Q-125	LTC	15,840 psi	16,380 psi	438,000 lb.

* **Special Drift**

MINIMUM DESIGN FACTORS:

COLLAPSE: 1.125
BURST: 1.10
TENSION: 1.80

Area Fracture Gradient: 0.9 psi/foot
Maximum anticipated mud weight: 15.4 ppg
Maximum surface treating pressure: 12,500 psi

DRILLING PROGRAM

5. Auxiliary Equipment

A. Kelly Cock – yes

B. Float at the bit – no

C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show

D. Full opening safety valve on the rig floor – yes

E. Rotating Head – yes
If drilling with air the following will be used:

F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.

G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').

H. Compressor shall be tied directly to the blooie line through a manifold.

I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 15.4 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

6. Testing, logging and coring program

A. Cores – none anticipated

B. DST – none anticipated

DRILLING PROGRAM

C. Logging – Mud logging – 4500' to TD
GR-SP-Induction, Neutron Density, FMI

D. Formation and Completion Interval: Mancos interval, final determination of completion will be made by analysis of logs.
Stimulation – Stimulation will be designed for the particular area of interest as encountered.

7. Cementing Program

20" Conductor:
Cement to surface with construction cement.

9-5/8" Surface Casing: sfc – 700' (MD)
Slurry: 0' – 700'. 365 sxs (430 cu ft) Premium cement + 0.25 lbs/sk Flocele + 2% $CaCl_2$ Slurry wt: 15.6 ppg, slurry yield: 1.20 ft^3/sx, slurry volume: 12/1/4" hole + 100% excess.

7" Intermediate Casing: sfc - 11,900' (MD)
Foamed Lead Slurry 2: 5,500' – 11,500'. 690 sks (1353 cu ft) 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive + 1.5% Zonesealant 2000 foamer. Slurry wt: 14.3 ppg, foamed 11.5 ppg, Slurry yield: 1.48 ft^3/sk, Slurry yield foamed: 1.96 ft^3/sk, Slurry volume: 8-1/2" hole + 50% excess.
Tail Slurry: 11,500' – 11,900'. 61 sks (90.21 cu ft) of 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive. Slurry wt: 14.3 ppg, Slurry yield: 1.48 ft^3/sk, Slurry volume: 8-1/2" hole + 50% excess.

4-1/2" Production Casing: sfc - 16,575' (MD)
Lead/Tail Slurry: 5,500 - 16,575'. 795 sks (1304 cu ft) Premium Cement + 0.5% HR-12 retarder + 35% SSA-1 + 0.2% Suspend HT + 0.4% Halad(R)-344 fluid loss + 0.3% Halad(R)-413 fluid loss + 0.4% Super CBL gas migration + 0.2% HR-25 retarder. Slurry wt: 15.25 ppg, Slurry yield: 1.64 ft^3/sk, Slurry volume: 6-1/8" hole + 25% in open hole section.

*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface on the intermediate string and 5,000' on the production string. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

DRILLING PROGRAM

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H2S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 11,635 psi. Maximum anticipated bottom hole temperature is 320° F.

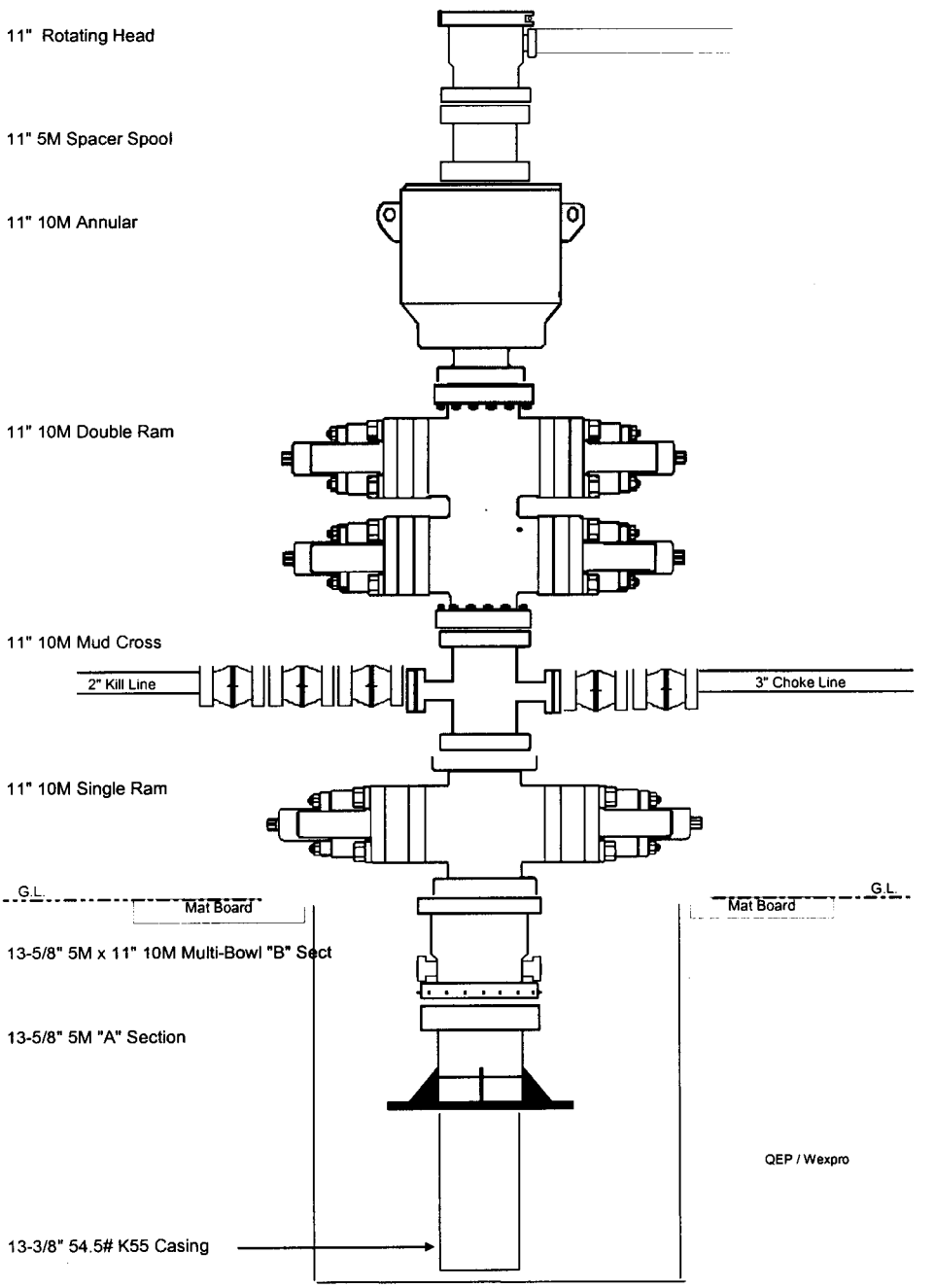
ONSHORE OIL & GAS ORDER NO. 1
QEP UINTA BASIN, INC.
GB 8D-20-8-22

DRILLING PROGRAM

Purpose:

Either an 11" 10,000 psi stack or an 13-5/8" 10,000 psi stck will be used for well control in the slim hole environment.

BOP Requirements:



Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
UTU-69001

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA/Agreement, Name and/or No.
GLEN BENCH

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
GB 8D-20-8-22

2. Name of Operator
QEP Uinta Basin, Inc. *Contact: Jim Davidson*

9. API Well No.
43-047-37665

3a. Address
1571 East 1700 South, Vernal, UT 84078

3b. Phone No. *(include area code)*
303-308-3090

10. Field and Pool, or Exploratory Area
NATURAL BUTTES

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
2157' FNL 966' FEL SENE SECTION 20, T8S, R22E

11. County or Parish, State
UINTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☒ Alter Casing (Surface)	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days Following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

QEP Uinta Basin, Inc. proposes to change the surface casing design from 9 5/8 to 10 3/4 to have a stronger BOP foundation.

Please see attached casing design and cement.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED
FEB 27 2007
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*	Title
Jan Nelson	Regulatory Affairs
Signature	Date
	February 23, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Casing Design:

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.
14- ¾"	10- ¾"	sfc	700'	40.5	J-55	LTC	New

Cementing Program

9-5/8" Surface Casing: sfc – 700' (MD)
Slurry: 0' – 700'. 650 sxs (779 cu ft) Premium cement + 0.25 lbs/sk Flocele + 2% $CaCl_2$
Slurry wt: 15.6 ppg, slurry yield: 1.20 ft^3/sx, slurry volume: 14 3/4" hole + 100% excess.

CONFIDENTIAL

Questar E & P

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: Unit Drilling

43-049-37665

Spud Date: 2/24/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/25/2007	06:00 - 14:00	8.00	LOC	2	FINISH CEMENTING CODUCTOR PIPE, DRILL & SET MOUSEHOLE
	14:00 - 16:00	2.00	LOC	4	RIG UP BILL JR'S RIG #8
	16:00 - 06:00	14.00	DRL	9	AIR DRILL F/ 80'-660'
	-				RECEIVED 7 LOAD OF UNIT RIG 109 FROM WYO. LOCATION
2/26/2007	06:00 - 09:00	3.00	DRL	9	HAMMER DRILL F/ 660'-720'
	09:00 - 10:00	1.00	CIRC	1	BLOW HOLE CLEAN
	10:00 - 12:00	2.00	TRP	3	LAY DOWN DRILL STRING
	12:00 - 13:00	1.00	CSG	2	RUN 10 3/4" CSG
	13:00 - 14:00	1.00	LOC	4	RIG DOWN
	14:00 - 14:30	0.50	CMT	1	RIG UP BIG 4 CEMENTERS
	14:30 - 15:30	1.00	CMT	2	CEMENT CSG WITH 500 SX OF PREMIUM CEMENT, 2% CALCIUM CLORIDE & 1/4 LB/SX FOCELE, SLURRY WT.- 15.6 PPG, DISPLACEMENT VOL.- 67 BBLS, PUMPED 69 BBLS, PLUG DID NOT BUMP & FLOATS DID NOT HOLD. SHUT IN CEMENT HEAD & WOC. HAD GOOD RETURNS THRU OUT JOB & GOT 6 BBLS CEMENT BACK TO SURFACE & CEMENT DID NOT DROP.
	15:30 - 16:00	0.50	CMT	1	RIG DOWN CEMENTERS
	16:00 - 06:00	14.00	LOC	4	RECEIVED 15 LOADS, WAIT ON DALIGHTS (OPENED VALVE ON CEMENT HEAD AT 21:00- NO FLOW BACK OR PRESSURE)
2/27/2007	06:00 - 18:00	12.00	LOC	5	INSTALL CELLAR RING & PREP LOCATION, RECEIVED 10 LOADS OF RIG
	18:00 - 06:00	12.00	LOC	3	WAIT ON DAYLIGHTS, WILL SET MATS IN MORNING & START RIGGING UP, NEED ANOTHER 20-30' IN THE BACK OF THE LOCATION TO MAKE ROOM FOR MUD PRODUCTS AND PREMIX TANK
2/28/2007	06:00 - 18:00	12.00	LOC	4	RIG UP- LAY PLASTIC, SET MATS, SET BOTTOM SUBS, WELD ON STARTING HEAD & INSTALL MBS (HAD 2 DRILLERS & 1 HAND), RECEIVED 10 LOADS, EXTENDING BACK SIDE OF LOCATION 45' TO MAKE ENOUGH ROOM FOR RIG & MUD PRODUCTS.
	18:00 - 06:00	12.00	LOC	4	WAIT ON DAYLIGHTS
3/1/2007	06:00 - 18:00	12.00	LOC	4	SET MIDDLE SUB- MUD TANKS - MATS FOR SCR HOUSE -CHECK BOTH PUMPS & DRAWORKS
	18:00 - 06:00	12.00	OTH		W.O. DAYLIGHT TO RURT
3/2/2007	06:00 - 18:00	12.00	LOC	4	SET WATER TANKS - SET PUMPS - SET SCR HOUSE - GEN SET - & ALL BACK YARD - SET DRAWORKS ON FLOOR - CEMENT CELLAR TO BOTTOM OF WELL HEAD SET GAS BUSTER IN & GEN RU
	18:00 - 06:00	12.00	OTH		W.O. DAYLIGHT TO RURT
3/3/2007	06:00 - 18:00	12.00	LOC	4	HOOK UP ALL ELEC. CORD TO PUMPS- DRAWORKS - BUILD DERRICK & DRESS DERRICK OUT - START HOOKING UP MUD CLEANING EQUIPMENT - SET GAS BUSTER & RUN FLARE LINES - GEN. RU
	18:00 - 06:00	12.00	OTH		W.O. DAYLIGHT TO RURT
3/4/2007	06:00 - 18:00	12.00	LOC	4	SET DERRICK ON FLOOR W.0. ELECTRIAN TO FIX SCR CONTROL ON DRAWORKS TO RAISE DERRICK - FILL WATER TANKS & BOILER - FIRE BOILER - WELD ON SUCTION TANK PILL TANK - GEN RU
	18:00 - 06:00	12.00	OTH		W.O. DAYLIGHT TO RURT
3/5/2007	06:00 - 18:00	12.00	LOC	4	FINISH STRINGING UP DERRICK - HOOK UP SCR CONTROL PANEL TO DRAWORKS & TEST - TEST BRIDLE LINE & RAISE DERRICK - HOOK UP MUD CLEANING EQUIPMENT - WELD ON SUCTION TANK - & GEN RURT - MAG - FLUX D.C FOUND 14 BAD D.C -
	18:00 - 06:00	12.00	OTH		W.O. DAYLIGHT TO RURT
3/6/2007	06:00 - 18:00	12.00	LOC	4	RIG UP FLOOR - START RU TOP DRIVE - WELD ON PILL TANK - SET FRONT END OF YARD IN - SET BAR HOPPERS - HOOK UP MUD LINES - HOOK UP ACC. HOUSE & BOP LINES
	18:00 - 06:00	12.00	OTH		W.O. DAYLIGHT TO RURT

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State of Utah
Division of Oil, Gas and Mining

OPERATOR ACCT. No. N-2460

OPERATOR: **QEP Uinta Basin, Inc.**
ADDRESS: **1571 East 1700 South**
Vernal, Utah 84078-8526 **(435)781-4300**

ENTITY ACTION FORM - FORM 6

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
A	99999	15977	43-047-37665	GB 8D 20 8 22	SENE	20	8S	22E	Uintah	2/23/2007	3/12/07

WELL 1 COMMENTS: DKTA

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WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

Signature

Office Administrator II — Title
3/01/07 — Date

Phone No. **(435)781-4342**

(3/89)

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Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.: **UTU-69001**

6. If Indian, Allottee or Tribe Name: **N/A**

7. If Unit or CA, Agreement Designation: **N/A**

SUBMIT IN TRIPLICATE - **Amended Report on 1/15/07**

1. Type of Well
   Oil Well [ ] Gas Well [X] Other [ ]

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8. Well Name and No.: **GB 8D 20 8 22**

2. Name of Operator: **QEP, UINTA BASIN, INC.**

9. API Well No.: **43-047-37665**

3. Address and Telephone No.: **1571 EAST 1700 SOUTH – VERNAL, UT 84078**
   Contact: dahn.caldwell@questar.com
   435-781-4342 Fax 435-781-4357

10. Field and Pool, or Exploratory Area: **UNDESIGNATED**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
   2157' FNL, 966' FEL, SENE, SEC 20-T8S-R22E

11. County or Parish, State: **UINTAH**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **SPUD**	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

On 2/23/07 – Drilled 60' of 26" conductor hole. Set 60' of 20" conductor pipe. Cmtd w/ Ready Mix.

On 2/25/07 – Drilled 15" hole. Ran 18 jts of 10-3/4", 40.50#, J-55 csg to 720'. Cmtd w/ 500 sxs of Premium cmt.

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3 - BLM, 2- Utah OG&M, 1 – Denver, 1 – file Word file server

14. I hereby certify that the foregoing is true and correct
Signed **Dahn F. Caldwell** Title **Office Administator II** Date **3/01/07**

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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Questar E & P

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

43-047-37665

Spud Date: 2/24/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/25/2007	06:00 - 14:00	8.00	LOC	2	FINISH CEMENTING CODUCTOR PIPE, DRILL & SET MOUSEHOLE
	14:00 - 16:00	2.00	LOC	4	RIG UP BILL JR'S RIG #8
	16:00 - 06:00	14.00	DRL	9	AIR DRILL F/ 80'-660'
	-				RECEIVED 7 LOAD OF UNIT RIG 109 FROM WYO. LOCATION
2/26/2007	06:00 - 09:00	3.00	DRL	9	HAMMER DRILL F/ 660'-720'
	09:00 - 10:00	1.00	CIRC	1	BLOW HOLE CLEAN
	10:00 - 12:00	2.00	TRP	3	LAY DOWN DRILL STRING
	12:00 - 13:00	1.00	CSG	2	RUN 10 3/4" CSG
	13:00 - 14:00	1.00	LOC	4	RIG DOWN
	14:00 - 14:30	0.50	CMT	1	RIG UP BIG 4 CEMENTERS
	14:30 - 15:30	1.00	CMT	2	CEMENT CSG WITH 500 SX OF PREMIUM CEMENT, 2% CALCIUM CLORIDE & 1/4 LB/SX FOCELE, SLURRY WT.- 15.6 PPG, DISPLACEMENT VOL.- 67 BBLS, PUMPED 69 BBLS, PLUG DID NOT BUMP & FLOATS DID NOT HOLD. SHUT IN CEMENT HEAD & WOC. HAD GOOD RETURNS THRU OUT JOB & GOT 6 BBLS CEMENT BACK TO SURFACE & CEMENT DID NOT DROP.
	15:30 - 16:00	0.50	CMT	1	RIG DOWN CEMENTERS
	16:00 - 06:00	14.00	LOC	4	RECEIVED 15 LOADS, WAIT ON DALIGHTS (OPENED VALVE ON CEMENT HEAD AT 21:00- NO FLOW BACK OR PRESSURE)
2/27/2007	06:00 - 18:00	12.00	LOC	5	INSTALL CELLAR RING & PREP LOCATION, RECEIVED 10 LOADS OF RIG
	18:00 - 06:00	12.00	LOC	3	WAIT ON DAYLIGHTS, WILL SET MATS IN MORNING & START RIGGING UP, NEED ANOTHER 20-30' IN THE BACK OF THE LOCATION TO MAKE ROOM FOR MUD PRODUCTS AND PREMIX TANK
2/28/2007	06:00 - 18:00	12.00	LOC	4	RIG UP- LAY PLASTIC, SET MATS, SET BOTTOM SUBS, WELD ON STARTING HEAD & INSTALL MBS (HAD 2 DRILLERS & 1 HAND), RECEIVED 10 LOADS, EXTENDING BACK SIDE OF LOCATION 45' TO MAKE ENOUGH ROOM FOR RIG & MUD PRODUCTS.
	18:00 - 06:00	12.00	LOC	4	WAIT ON DAYLIGHTS
3/1/2007	06:00 - 18:00	12.00	LOC	4	SET MIDDLE SUB- MUD TANKS - MATS FOR SCR HOUSE -CHECK BOTH PUMPS & DRAWORKS
	18:00 - 06:00	12.00	OTH		W.O. DAYLIGHT TO RURT
3/2/2007	06:00 - 18:00	12.00	LOC	4	SET WATER TANKS - SET PUMPS - SET SCR HOUSE - GEN SET - & ALL BACK YARD - SET DRAWORKS ON FLOOR - CEMENT CELLAR TO BOTTOM OF WELL HEAD SET GAS BUSTER IN & GEN RU
	18:00 - 06:00	12.00	OTH		W.O. DAYLIGHT TO RURT
3/3/2007	06:00 - 18:00	12.00	LOC	4	HOOK UP ALL ELEC. CORD TO PUMPS- DRAWORKS - BUILD DERRICK & DRESS DERRICK OUT - START HOOKING UP MUD CLEANING EQUIPMENT - SET GAS BUSTER & RUN FLARE LINES - GEN. RU
	18:00 - 06:00	12.00	OTH		W.O. DAYLIGHT TO RURT
3/4/2007	06:00 - 18:00	12.00	LOC	4	SET DERRICK ON FLOOR W.0. ELECTRIAN TO FIX SCR CONTROL ON DRAWORKS TO RAISE DERRICK - FILL WATER TANKS & BOILER - FIRE BOILER - WELD ON SUCTION TANK PILL TANK - GEN RU
	18:00 - 06:00	12.00	OTH		W.O. DAYLIGHT TO RURT
3/5/2007	06:00 - 18:00	12.00	LOC	4	FINISH STRINGING UP DERRICK - HOOK UP SCR CONTROL PANEL TO DRAWORKS & TEST - TEST BRIDLE LINE & RAISE DERRICK - HOOK UP MUD CLEANING EQUIPMENT - WELD ON SUCTION TANK - & GEN RURT - MAG - FLUX D.C FOUND 14 BAD D.C -
	18:00 - 06:00	12.00	OTH		W.O. DAYLIGHT TO RURT
3/6/2007	06:00 - 18:00	12.00	LOC	4	RIG UP FLOOR - START RU TOP DRIVE - WELD ON PILL TANK - SET FRONT END OF YARD IN - SET BAR HOPPERS - HOOK UP MUD LINES - HOOK UP ACC. HOUSE & BOP LINES
	18:00 - 06:00	12.00	OTH		W.O. DAYLIGHT TO RURT
3/7/2007	06:00 - 06:00	24.00	LOC	4	RU TOP DRIVE - HANG SLIDE IN DERRICK - PU TOP DRIVE UNIT - WELD ON PILL TANK - INSTALL MUD AGITOR - GENERAL RU - NIPPLE UP HIGH

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Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/7/2007	06:00 - 06:00	24.00	LOC	4	PRESSURE ROTATING HEAD -
3/8/2007	06:00 - 06:00	24.00	LOC	4	GENERAL RIG UP- HOOK UP LINES TO TOP DRIVE, TIGHTEN TOP DRIVE CONNECTIONS, FINISH NIPPLEING UP ROT. HEAD, HOOK UP HOSES TO HEAD & FUNCTION TEST, WELD FLANGES ON FLOW LINE FOR ORBIT VALVE & INSTALL ORBIT VALVE, RIGGED UP DRIP PANS AROUND BOP, HOOKED UP TURN BUCKLES TO BOP, WELDERS CONTINUE BUILDING MUD LINES FOR PREMIX COMPARTMENT IN SUCTION TANK, GROUNDED ALL BUILDINGS & ELECTRICAL MOTORS. PUT COVERS ON PUMPS & FILLED PUMPS WITH OIL. TURNED GOOSENECK ON SWIVEL & HOOKED UP KELLY HOSE.
3/9/2007	06:00 - 18:00	12.00	LOC	4	GENERAL RIG UP- TIGHTEN BOLTS & TURN BUCKLES ON TORQUE TUBE, TIE TOGETHER SERVICE LOOP LINES, PICK UP BALES & ELEVATORS, BOLTED UP HOPPER DISCHARGE LINE, SPOTTED BAR HOPPERS, RIGGED UP SLIDES ON SHAKERS. WELDERS FINISHED PREMIX TANK (STILL NEED TO EXTEND FLARE LINES TO FLARE PIT, BUILD SUCTION MANIFOLD FOR MUD CLEANERS & WELD FLOWLINE TO ROT. HEAD)
	18:00 - 06:00	12.00	LOC	4	GENERAL RIG UP- RIGGED UP SCAFFOLDING IN SUBSTRUCTURE, RIGGED UP FILL UP LINES FROM FLOOR & FROM TRIP TANK, RIGGED UP AIR LINE FOR ORBIT VALVE, CHANGED SHAKER SCREENS, TIGHTEN VALVE FLANGES ON MUD TANKS, RIG UP YELLOW DOG & CIRC. RESERVE PIT
3/10/2007	06:00 - 14:00	8.00	LOC	4	GENERAL RIG UP- REPOSITION CHOKE MANIFOLD HOUSE & HOOK UP CHOKE LINE, REPAIR AGITATOR IN #2 TANK, GET MUD TANKS READY TO FILL & FILL MUD TANKS, WELDERS EXTENDING SHAKER SLIDES & MODIFYING GAS BUSTER LINES.
	14:00 - 21:30	7.50	BOP	1	TIGHTEN BOLTS ON BOP STACK
	21:30 - 00:00	2.50	BOP	1	HOOK UP KOOMEY LINES, REPLACE PACKING IN KOOMEY PUMP & FUNCTION TEST BOP
	00:00 - 01:00	1.00	BOP	2	RIG UP TESTERS
	01:00 - 06:00	5.00	BOP	2	PRESSURE TEST BOP (PIPE RAMS, BLIND RAMS, CHOKE MANIFOLD & KILL LINE VALVES TO 5000# HI, 250# LOW, ANNULAR- 3500# HI, 250# LOW, CSG-1500#) PERFORMING ACCUMALATOR FUNCTION TEST
3/11/2007	06:00 - 09:00	3.00	BOP	2	PERFORM ACCUMALATOR FUNCTION TEST- PRECHARGE IN BOTTLES WAS 750 PSI, CHECKED PRECHARGE IN EACH BOTTLE & FOUND TWO LOW BOTTLES & ONE BOTTLE WITH BAD VALVE CORE, REPLACED CORE & CHARGED ONE BOTTLE, THE OTHER BOTTLE HAS CHINESE BLADDER & WILL BE CHARGED WHEN CHINESE FILL TOOL ARRIVES. BLM GAVE THE OK TO DRILL.
	09:00 - 11:00	2.00	BOP	1	NIPPLE UP "T" BLOCK ON END OF CHECK VALVE & HOOK UP KILL LINE & HALLIBURTON LINE.
	11:00 - 18:00	7.00	LOC	4	HELP WELDERS RIG UP FLARE LINES & SHAKER SLIDES, RIGGED UP EXHAUSTS ON GENERATORS, STRAPPED BHA, DID RIG INSPECTION & MADE NECCESSARY CORRECTIONS.
	18:00 - 19:30	1.50	BOP	1	INSTALL WEAR BUSHING & CENTER UP BOP
	19:30 - 00:00	4.50	LOC	4	HELP WELDERS WITH GAS BUSTER LINES & SHALE SHAKER SLIDES, RIG UP WIRE LINE MACHINE, READY FLOOR FOR DRLG, RIG UP WASH DOWN LINE FOR SOLIDS CONTROL EQUIP. & SHAKER SLIDES.
	01:00 - 06:00	5.00	LOC	4	TIME CHANGE, GET FLOOR READY FOR DRLG, RIG UP WIRELINE MACHINE, & STRAIGHTEN & RETIE HOSES FOR SERVICE LOOP ON TOP DRIVE
3/12/2007	06:00 - 09:30	3.50	TRP	1	PICK UP BHA
	09:30 - 12:00	2.50	CIRC	1	CIRCULATE THRU FILLUP LINE & FLUSH OUT PUMPS, PRESSURE TEST MUD LINES TO 2500 PSI & FIX LEAKS
	12:00 - 14:00	2.00	BOP	1	INSTALL DRLG. NIPPLE IN ROT. HEAD & ADJUST TURNBUCKLES ON TORQUE TUBE TO CENTER UP DRILL STRING IN BOP.
	14:00 - 15:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION COM

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/12/2007	15:00 - 16:30	1.50	DRL	4	DRILL SHOE TRACK
	16:30 - 17:30	1.00	EQT	2	CIRCULATE & PERFORM FIT TO 10.5 EQUIVILENT- OK
	17:30 - 18:00	0.50	SUR	1	WIRELINE SURVEY @ 715'- MR
	18:00 - 21:00	3.00	DRL	1	DRILL F/ 720'-1,000', WOB- 10-12K, RPM- 120 COMBINED, GPM- 498, MW- 8.35, VIS- 26, BG GAS- 30u, CONN GAS- 150u, PUMPING 10 BBL HI VIS SWEEPS EVERY 100' TO CLEAN HOLE.
	21:00 - 21:30	0.50	SUR	1	CIRCULATE & SURVEY @ 1,000', SURVEY DEPTH- 940'- .2 INC, 262.5 AZ
	21:30 - 06:00	8.50	DRL	1	DRILL F/ 1,000'-1,373', WOB- 10-15K, RPM- 130 COMBINED, GPM- 556, MW- 8.35, VIS- 26, BG GAS- 35u, CONN GAS- 200u, PUMPING 10 BBL HI VIS SWEEPS EVERY 100' TO CLEAN HOLE.
3/13/2007	06:00 - 09:00	3.00	DRL	1	DRILL F/ 1,373'-1,485', WOB- 10-15K, RPM- 140 COMBINED, GPM- 556, MW- 8.35, VIS- 26, BG GAS- 60u, CONN GAS- 300u, PUMPING 10 BBL HI VIS SWEEPS TO CLEAN HOLE, NO BIT BALLING YET.
	09:00 - 09:30	0.50	SUR	1	CIRC & SURVEY AT 1,485', SURVEY DEPTH- 1,425', .4 INC, 192.7 AZ
	09:30 - 15:30	6.00	DRL	1	DRILL F, 1,485'-1,863', DRLG WITH SAME PARAMETERS, MW & VIS. PUMPING 10 BBL HI VIS SWEEPS TO KEEP HOLE CLEAN.
	15:30 - 16:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION COM & TOP PIPE RAMS
	16:30 - 18:30	2.00	DRL	1	DRILL / 1,863'-1,983', WOB- 10-15K, RPM- 140 COMBINED, GPM- 556, MW- 8.4, VIS- 27, BG GAS- 100u, CONN GAS- 350u, PUMPING 10 BBL HI VIS SWEEPS TO CLEAN HOLE
	18:30 - 19:00	0.50	SUR	1	CIRC. & SURVEY AT 1,983', SURVEY DEPTH- 1,923', .3 INC., 189.2 AZ
	19:00 - 03:30	8.50	DRL	1	DRILL F/ 1,983'-2,506', WOB- 15-20K, RPM- 145 COMBINED, GPM- 556, MW- 8.4, VIS- 27, BG GAS- 100u, CONN GAS- 500u, PUMPING 10 BBL HI VIS SWEEPS EVERY 100' TO CLEAN HOLE
	03:30 - 04:00	0.50	SUR	1	CIRC. & SURVEY AT 2,506', SURVEY DEPTH- 2,446'- 1.6 INC, 331 AZ
	04:00 - 06:00	2.00	DRL	1	DRILL F/ 2,506'-2,553', WOB- 12-18K, RPM- 145 COMBINED, GPM- 556, MW- 8.4, VIS 27, BG GAS- 125u
3/14/2007	06:00 - 11:30	5.50	DRL	1	DRILL F/ 2,553'-2,814', WOB- 15-18K, RPM- 145 COMBINED, GPM- 556, MW- 8.5, VIS- 27, BG GAS- 225u, CONN GAS- 450u, PUMPING 10 BBL HI VIS SWEEPS TO CLEAN HOLE, NO BIT BALLING OR TRONA WATER YET.
	11:30 - 12:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM
	12:30 - 15:00	2.50	DRL	1	DRILL F/ 2,814'-2,938', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS- 250u, CONN GAS- 350u, NO BIT BALLING OR TRONA WATER
	15:00 - 15:30	0.50	SUR	1	CIRC & SURVEY AT 2,938', SURVEY DEPTH- 2,880', .2 INC, 165 AZ
	15:30 - 18:00	2.50	DRL	1	DRILL F/ 2,938'-3,075', WOB- 15-20K, RPM- 140 COMBINED, GPM- 556, MW- 8.5, VIS- 27, BG GAS- 150u, CONN GAS- 300u, NO BIT BALLING OR TRONA WATER.
3/15/2007	06:00 - 07:30	1.50	DRL	1	DRILL F/ 3,429'-3,458', WOB- 15-18K (ANY ADDITIONAL WOB WOULD RESULT IN BIT STICK SLIPPING) RPM- 140 COMBINED, GPM- 556, MW- 8.5, VIS- 27, BG GAS- 1400u, DOWN TIME GAS- 9680u WITH 15' FLARE
	07:30 - 10:30	3.00	CIRC	1	CIRC. OUT GAS, CHECK FOR FLOW, WELL FLOWING 15 BBLS/HR, DETERMINED IT TO BE A FRESH WATER FLOW, DEPTH- 3,350-3,425
	10:30 - 11:00	0.50	SUR	1	DROP SURVEY
	11:00 - 12:00	1.00	TRP	10	PUMP PILL & TRIP OUT TO BHA
	12:00 - 13:00	1.00	CIRC	1	REPLACE ROT. HEAD RUBBER, CIRC. BOTTOMS UP & SPOT 60 BBL 10# PILL ON BACK SIDE
	13:00 - 15:30	2.50	TRP	10	FINISH TRIPPING OUT, FUNCTION BLIND RAMS, BREAK BIT & LAY DOWN MUD MOTOR
	15:30 - 16:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE
	16:30 - 17:30	1.00	BOP	1	PULL & INSPECT WEAR BUSHING- OK
	17:30 - 20:00	2.50	TRP	10	MAKE UP NEW BIT & MOTOR & TRIP IN TO CSG SHOE AT 745'
	20:00 - 21:00	1.00	RIG	6	CUT 136' OF DRLG LINE (TOO MANY WRAPS ON THE DRUM)
	21:00 - 22:00	1.00	TRP	10	TRIP IN TO 3,400'

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/15/2007	22:00 - 23:00	1.00	TRP	10	CENTER STACK, INSTALL ROT. HEAD & CIRC BTMS UP THRU BUSTER- 10' FLARE WITH 900u
	23:00 - 00:00	1.00	TRP	10	TRIP INTO 3,426'
	00:00 - 00:30	0.50	REAM	1	WASH 32' TO BTM- 2' OF FILL
	00:30 - 06:00	5.50	DRL	1	DRILL F/ 3,458'-3,690', WOB- 12-18K, RPM- 175 COMBINED, GPM- 495-556, MW- 8.5, VIS- 27, BG GAS- 250u W/ 2-6' FLARE, CONN GAS- 500u W/ 5' FLARE, TRIP GAS- 1100u W/ 10' FLARE, NO FLOW ON CONNECTIONS
3/16/2007	06:00 - 10:30	4.50	DRL	1	DRILLED 3690' - 4030', WOB 15-18, RPM- 184, GPM- 556, MW- 8.5, VIS- 27, DRILLING THROUGH BUSTER BGG 300-500u 2' - 6' FLARE, CG 800-1000U 8' - 10' FLARE. PUMPING 10 BBL HI VIS SWEEPS EVERY 100' TO CLEAN HOLE, STARTED PICKING UP TRACES OF TRONA WATER AT 3,600'
	10:30 - 11:00	0.50	SUR	1	WIRELINE SURVEY @ 3973' 1.2 DEG. AZ 205.3, CHECK F/ FLOW- NO FLOW
	11:00 - 14:00	3.00	DRL	1	DRILLED 4030' - 4290', WOB 15-18, RPM 184, DRILLING THROUGH BUSTER GAS SAME AS ABOVE.
	14:00 - 15:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION SUPER CHOKE & COM, CHECK FOR FLOW- NO FLOW
	15:00 - 19:30	4.50	DRL	1	DRILLED 4290' - 4687', WOB 15/18, RPM 184, GPM- 556, DRILLING THROUGH BUSTER, GAS SAME AS ABOVE
	19:30 - 21:00	1.50	SUR	1	WIRELINE SURVEY @ 4631' 2.5 DEG. 184.7 AZ. WELL FLOWING 1/2" STREAM OF TRONA ON SURVEY. DTG ON SURVEY 3200u OFF OF BUSTER.
	21:00 - 06:00	9.00	DRL	1	DRILLED 4687' - 5240', WOB- 15K, RPM- 194 COMBINED, GPM- 556, MW- 8.6, VIS- 28, WENT OFF THE BUSTER, BG GAS- 775u, CONN GAS- 1,000u, PUMPING 10 BBL HI VIS SWEEPS EVERY 100' TO CLEAN HOLE, FLOWING 1/2 STREAM OF TRONA WATER ON CONNECTIONS.
3/17/2007	06:00 - 12:00	6.00	DRL	1	DRILLED 5195' - 5321', 127', 2.16 FPH, WOB 20k, RPM 194, MW 8.7 VIS 28 BBG 600u CONN.G 1200u OFF OF BUSTER, NO FLARE. PUMPING 10-30 BBL SWEEPS AS NEEDED. WATER FLOW HAD QUIT WHEN WE STOPPED DRILLING
	12:00 - 12:30	0.50	SUR	1	DROPPED SURVEY @ 5171' STILL NO FLOW.
	12:30 - 15:00	2.50	TRP	10	TRIPPED OUT WITH BIT #2, FUNCTION BLIND RAMS, BREAK BIT. BIT WAS RUNG OUT AT SHOULDER. NO SURVEY (BATTERY PACK CAME APART GOING IN THE HOLE)
	15:00 - 15:30	0.50	RIG	1	SERVICE RIG & TOP DRIVE
	15:30 - 20:00	4.50	TRP	10	TRIP IN WITH BIT #3 REED DSX 210HGUWAZ SN 111129 FILLED PIPE HALF WAY IN.
	20:00 - 20:30	0.50	REAM	1	WASH & REAM 40' TO BOTTOM 5' OF FILL
	20:30 - 22:00	1.50	DRL	1	DRILL 5321' - 5432',WOB 5-15, RPM 153 - 193, GPM- FLOWING 1" STREAM ON FIRST CONNECTION 5-6' FLARE AT BOTTOMS UP TRIP GAS 6119 BG GAS 700u cONN. GAS 3100u.
	22:00 - 23:00	1.00	SUR	1	WIRELINE SURVEY @ 5372' 2 DEG. 184.1 AZ. 1/2" FLOW ON SURVEY
	23:00 - 06:00	7.00	DRL	1	DRILL 5432' - 5690', 258', 36.85 FPH, WOB 8-15, RPM 160 STARTED MUD UP @ 5450' WT 8.7 VIS 32 STILL HAVE A 1/2" FLOW ON CONN. CONN GAS 700u BGG 3100u. PUMPING 10 BBL BIT BALLING SWEEPS AS NEEDED, BIT BALLING STARTED AT 5,610, SEVERE BIT BALLING F/ 5,630'-5,690'
3/18/2007	06:00 - 17:00	11.00	DRL	1	DRILL 5690' - 5988' (298'), 27 FPH, WOB 12-15, RPM 170, MUD WT 8.9 VIS 35. NO FLOW ON CONN. PUMPING 10 BBL BIT BALLING SWEEPS AS NEEDED.
	17:00 - 18:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION HCR & COM
	18:00 - 19:00	1.00	SUR	1	WIRELINE SURVEY @ 5928' 1 DEG, 183.3 AZ.
	19:00 - 06:00	11.00	DRL	1	DRILL 5988' -6345', 357', 45 FPH, WOB 15-20, RPM 180, FLOWING 1/4" STREAM ON CONN. AT 6,297', MW 8.9 VIS 35 STILL SEEING SLIGHT BALLING.
3/19/2007	06:00 - 14:00	8.00	DRL	1	DRILL 6345' - 6671', 326', 40.75 FPH, WOB 12-15 RPM 180, WT 8.9, VIS 35, STARTED LOOSING FLUID @ 6609' AFTER CONNECTION.
	14:00 - 15:00	1.00	SUR	1	WIRELINE SURVEY @ 6611' 1.3 DEG. AZ 182.6 NO FLOW ON SURVEY

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/19/2007	15:00 - 01:30	10.50	DRL	1	DRILL 6671' -7041' 370', WOB 15-20, RPM 153 BACKED PUMPS OFF @ 6609' TO 450 GPM FOR LOSSES, PUMPED 260 BBL OF 20% LCM PILL AROUND, LOSSES SLOWED. CALCULATED LOSSES @ 14-15 BBL/HR. LOST 50 BBL @ 6995' PUMPED 60 BBL OF 20% LCM. \LOSSES SLOWED BUT STILL LOOSING 12-14 BPH. TOTAL LOSSES 450 - 470 BBL.
	01:30 - 02:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION ANNULAR
	02:30 - 06:00	3.50	DRL	1	DRILL 7041' - 7120', 79', 22.57 FPH, WOB 15-20 RPM 153. STILL LOOSING 12-14 BPH. MUD WT. 9.0 VIS 35 PUMPING 20% LCM PILLS EVERY 30 MIN.
3/20/2007	06:00 - 15:00	9.00	DRL	1	DRILL 7120' - 7412' 292', 32.44 FPH, WOB 16-20, RPM 153COMBINED, GPM-450, BY PASS SHAKERS @ 09:00, 7240', MW- 9.0, VIS- 36 PUMPING 20 BBL 20% LCM SWEEPS EVERY 30 MIN. STILL SEEPING @ 12-14 BPH.
	15:00 - 15:30	0.50	RIG	2	WORK ON #2 GENERATOR (PLUGGED AIR FILTER)
	15:30 - 20:00	4.50	DRL	1	DRILL 7412' - 7537, 125', 27.22 FPH, WOB 15-20, RPM 150 PUMPING 20 BBL 20% SWEEPS EVERY 30 MIN. HOLE SEEMS TO BE HEALING A LITTLE.
	20:00 - 20:30	0.50	RIG	1	SERVICE RIG & TOP DRIVE
	20:30 - 22:00	1.50	DRL	1	DRILL 7537' - 7565' 25', 18.66, WOB 15-20, RPM 150, TORQUE & DIFFERENTIAL INCREASING DECIDEC TO TRIP F/ BIT.
	22:00 - 23:00	1.00	SUR	1	SPOTTED 70 BBL OF 28% LCM ON BACK SIDE, DROPPED SURVEY @ 7505' PUMP PILL
	23:00 - 04:30	5.50	TRP	10	TOOH W/ BIT #3, HOLE CONDITIONS GOOD ON TRIP OUT,HOLE TOOK 28 BBL OVER CALCULATED VOLUME ON TOOH.
	04:30 - 05:30	1.00	TRP	10	BREAK OFF BIT, LD MUD MOTOR, BREAK DOWN SURVEY TOOL
	05:30 - 06:00	0.50	TRP	10	PU NEW BIT #4, HUNTING .13 MUD MOTOR
3/21/2007	06:00 - 11:30	5.50	DRL	1	TIH, BREAK CIRC. EVERY 20 STANDS, HOLE DISPLACING ON EVERY STAND. LOST 22 BBLS TRIPPING IN. PACKED OFF 10 STANDS OFF BOTTOM, WHILE INSTALLING ROTATING HEAD. PUMPED AWAY 19 BBL AT THIS POINT.
	11:30 - 12:00	0.50	REAM	1	W&R 60' TO BOTTOM, 10' OF FILL
	12:00 - 17:00	5.00	DRL	1	DRILL 7565' - 7721' 156', 31.2 FPH, WOB 16-18, RPM 158 MUD WT. 9.2, VIS 36, RUNNUNG 8 GPM MU WATER, BUILDING VOLUME AS WE GO, STILL SEEPING 2-3 BPH. SHAKERS ARE BYPASSED. MUD CLEANERS ARE RUNNING, RECOVERING LCM & PUTTING IT BACK INTO ACTIVE PITS.
	17:00 - 18:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION BOTTOM PIPE RAMS
	18:00 - 06:00	12.00	DRL	1	DRILL 7721' - 7891, 170', 14.16 FPH, WOB 15-22, RPM 115 LOSSES ARE MINIMAL MOST OF THE DAY, TOTAL LOSSES FOR THE DAY 100 BBL
3/22/2007	06:00 - 12:00	6.00	DRL	1	DRILL 7891' - 8033', 142', 23.66 FPH, WOB 18-22, RPM 117, 72 DH, 45 ON SURF. MUT WT. 9.3, VIS 38, NO NOTICEABLE LOSSES AT THIS TIME. RUNNING 8 GPM MAKE UP WATER & DUMPING SAND TRAP EVERY 2 HRS.
	12:00 - 13:00	1.00	RIG	1	SERVICE RIG/ TOP DRIVE & TRUN ROTARY HOES
	13:00 - 02:00	13.00	DRL	1	DRILL 8033' - 8286', 253', 19.46 FPH, RPM 117. 72 DOWN HOLE, 45 ON SURF. MUD WT 9.3, VIS 36, LOSSES NILL AT THIS TIME. TORQUE & PR PROMPTED TRIP.
	02:00 - 04:00	2.00	DRL	1	CIRC. BOTTOMS UP, CHECK F/ FLOW, FLOWING 3/4" STREAM, PROBABLY TRONA BUT WILL CIRC BOTTOMS UP 1 MORE TIME TO CHECK F/ GAS 31U AT BU DECIDED TO TOH.
	04:00 - 05:00	1.00	SUR	1	SPOTTED 150 BBL OF 28% LCM ON BACK SIDE, DROPPED SURVEY @ 8226'
	05:00 - 06:00	1.00	TRP	10	PUMP PILL, TOH W/ BIT #4
3/23/2007	06:00 - 11:30	5.50	TRP	10	TOH W/ BIT #4, GOOD TRIP OUT, LOST 39 BBL OVER CALCULATED DISPLACEMENT ON TOH. BIT HAD 2 PRIMARY WAFFERS CHIPPED OFF THE REST OF THE BIT LOOKED GREAT, GAUGE RING WOULD JUST SLIP OVER BIT. RETRIEVE SURVEY TOOL,
	11:30 - 13:30	2.00	TRP	1	BREAK OFF BIT, CLEAN & CLEAR FLOOR AFTER PULLING WET BHA. DRAIN MUD FROM TRIP TANK.
	13:30 - 14:30	1.00	TRP	10	PU NEW BIT, HAD A DSX616M MADE UP, JIM ISENHOUR CALLED, DECIDED

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
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Date	From - To	Hours	Code	Sub Code	Description of Operations
3/23/2007	13:30 - 14:30	1.00	TRP	10	TO RUN A DSX613 TIH TO SHOE
	14:30 - 15:30	1.00	RIG	6	SLIP & CUT 65' OF DRLG LINE
	15:30 - 20:30	5.00	TRP	10	TIH, FILL BHA, & PIPE EA. 30 STANDS TO BOTTOM. LOST 36 BBL OF FLUID ON TIH.
	20:30 - 22:30	2.00	REAM	1	W&R 120' TO BOTTOM, SHUT DOWN TO MAKE A CONNECTION, AND PACKED OFF TOOK 2 HRS TO WORK FREE. W&R WAS AS THOUGH THE HOLE HAD SWELLED IN, DIDN'T ACT LIKE IT WAS OT OF GUAGE. PUMPED 7 BBL AWAY WHEN HOLE PACKED OFF.
	22:30 - 06:00	7.50	DRL	1	DRILL 8286' - 8502', 216', 28.8 FPH, WOB 18-20, RPM 117, 72 DOWN HOLE, 45 ON SURFACE. HOLE SEEPING AROUND 4-5 BPH, TOTAL LOSSES LAST 24 HRS. 112 BBL.RUNNUNG 6 BBL HR. MU WATER.
3/24/2007	06:00 - 10:00	4.00	DRL	1	DRILL 8502' - 8711', 209', 52.25 FPH. WOB 18-20, RPM 117, 72 DOWN HOLE, 45 0N SURFACE
	10:00 - 11:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE
	11:00 - 13:00	2.00	RIG	2	REPAIR RIG, TURN KELLY HOSE SO IT DOESN'T RUB DERRICK LEG & TACK WELD UNIONS TO KEEP T FROM TURNING.
	13:00 - 06:00	17.00	DRL	1	DRILL 8711' - 9340', 629', 37 FPH, WOB 18-20, RPM 117, 72 DOWN HOLE, 45 ON SURFACE. HOLE SEEPING 4-5 BPH . RUNNING 8 GPM MU WATER & DUMPING SAND TRAPS AS NEEDED. TOTAL LOSSES TO HOLE TODAY 218 BBL.
3/25/2007	06:00 - 15:00	9.00	DRL	1	DRILL 9340' - 9638', 298', 33.11 FPH, WOB 18-20, RPM 117, 72 DOWN HOLE, 45 ON SURF. WT. 9.5, VIS 47, SEEPAGE SEEMS TO HAVE SLOWED DOWN, RUNNING 16 GPM MU WATER TO TRY TO DROP MW.
	15:00 - 16:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE.
	16:00 - 06:00	14.00	DRL	1	DRILL 9638' - 9890, 252', 18 FPH , WOB 18-24, RPM 132, 72 DOWN HOLE, 60 ON SURFACE. HOLE PACKED OFF ON CONNECTION @ 9699' PULLED 30K OVER TO FREE UP. TRIED TO CHANGE OUT KELLY JT. AND TOOK TO LONG. WILL START CHANGING IT OUT 1 JT OFF BOTTOM INSTED OF ON BOTTOM. STARTED 1 CENTRIFUGE @ 16:30 FOR I CIRC. CONTROL. LOSSES MINIMAL AT THIS TIME, TOTAL LOSSES TODAY 220 BBL.
3/26/2007	06:00 - 11:30	5.50	DRL	1	DRILL9890' - 9945', 55', 10 FPH, WOB 22-25, RPM 132, 72 DOWN HOLE, 60 ON SURFSCE. LOSSES SEEM TO HAVE STOPPED, PUT 1 SHAKER ON LINE TO SHAKE OUT LCM.
	11:30 - 12:30	1.00	CIRC	1	CIRC BOTTOMS UP & CHECK F/ FLOW, NO FLOW.
	12:30 - 13:30	1.00	RIG	1	RS & BREAK OUT KELLY JT.
	13:30 - 14:30	1.00	CIRC	1	CIRC BOTTOMS UP, 5298u AT BOTTTOMS UP, CHECK F/ FLOW, NO FLOW.
	14:30 - 15:30	1.00	SUR	1	DROP SURVEY @ 9885', & PUMP PILL.
	15:30 - 22:00	6.50	TRP	10	TOH W/ BIT #4, PULLED TIGHT ON STAND # 3, 5, 6, & 7 30-40K, ALSO 29, 10 K, 32, 30K. BREAK BIT FUNCTION TOP PIPE RAMS & BLIND RAMS.
	22:00 - 00:00	2.00	RIG	2	BREAK SAVER SUB & SET TORQUE ON TOP DRIVE.
	00:00 - 03:30	3.50	TRP	10	PU NEW BIT & MOTOR, HUNTING .15 & TIH TO 3610', HOLE QUIT DISPLACING.
	03:30 - 04:30	1.00	CIRC	1	INSTALL ROTATING HEAD, FILL PIPE, & CIRC BOTTOMS UP, TOOK 40 BBL TO BREAK CIRC.
	04:30 - 06:00	1.50			TIH 10 STANDS TO 4625', HOLE DISPLACING. FILL PIPE & CIRC 5 MIN.
3/27/2007	06:00 - 09:00	3.00	TRP	10	TIH FILL PIPE & CIRC EA. 10 STANDS TO 10 STANDS OFF BOTTOM. PULL BERRING ASSM. FROM ROTATING HEAD & REPLACE BEFORE GETTING TO BOTTOM. PIPE MOVING ALL THE TIME AND STILL PACKED OFF.
	09:00 - 10:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP & CLEAN HOLE, SEEING PRESSURED SH, TG = 4267u @ BOTTOMS UP. 6-7% INCREASE IN FLOW.
	10:00 - 11:00	1.00	TRP	10	TIH W/ LAST 9 STANDS, LEFT 4 JOINTS TO W&R TO BOTTOM.
	11:00 - 12:30	1.50	REAM	1	W&R 123' TO BOTTOM, TAKING WT & TORQUE ALL THE WAY, DON'T THINK IT WAS ALL FILL BUT HARD TO TELL.
	12:30 - 16:30	4.00	DRL	1	DRILL 9945' - 9994', 49', 12.25 FPH, WOB 16-18k, RPM 120, 70 DH, 50 ON

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release:
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Date	From - To	Hours	Code	Sub Code	Description of Operations
3/27/2007	12:30 - 16:30	4.00	DRL	1	SURFACE, RUNNING 30 GPM MU WATER, BUILDING 12 BPH MUD, SO LOOSING 31 BPH. PUMPING LCM SWEEPS & ADDING LCM TO SYSTEM.
	16:30 - 17:30	1.00	RIG	2	#1 SCR SHUT DOWN, WE HAD A BLACK OUT. TOP DRIVE ALSO SHUT DOWN DUE TO A LOOSE CONNECTION BETWEEN RELAYS.
	17:30 - 22:30	5.00	DRL	1	DRILL 9994' -10026', 32', 6.4 FPH, WOB 18-24, RPM 120, LOSSES THE LAST 3 HRS HAVE BEEN 23 BBL/HR. TOTAL LOSSES TODAY 300 BBL.
	22:30 - 01:00	2.50	CIRC	1	CIRC BOTTOMS UP, SPOT 160 BBL OF 28% LCM, MIX & PUMP PILL
	01:00 - 06:00	5.00	TRP	10	TOH W/ BIT #6, SNUG IN SPOTS COMMING OFF BOTTOM
3/28/2007	06:00 - 08:00	2.00	TRP	10	TOH, LD BIT & MOTOR. LOST 53 BBL MUD ON TOH.
	08:00 - 09:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE
	09:00 - 17:30	8.50	TRP	10	RU TORQUE SENSOR, PU BIT & MOTOR, TIH, FILL PIPE & CIRC EA. 10 STANDS TO 6265', THEN EA. 20 STANDS. NO RECORDABLE LOSSES ON TIH.
	17:30 - 18:00	0.50	DRL	1	W&R 93' TO BOTTOM, 15' OF FILL
	18:00 - 06:00	12.00	DRL	1	DRILL 10026' - 10151', 125', 10.41 FPH. WOB 35K, RPM 150, LOSSES ARE @ 8 BPH, RUNNING 10 GPM MU WATER, LOSSES TO DAY 300 BBL.
3/29/2007	06:00 - 14:00	8.00	DRL	1	DRILL 10151' -10222', 71', 8.87 FPH, WOB 30-35, RPM 145, 105 DOWN HOLE, 40 ON SURFACE. RPM & WOB VARY ACCORDING TO BOUNCE. HOLE SEEPING ABOUT 3-4 BPH.
	14:00 - 14:30	0.50	RIG	1	SERVICE RIG & TOP DRIVE, SYNC. SCR'S.
	14:30 - 06:00	15.50	DRL	1	DRILL 10222' - 10411', 189', 12.9 FPH, WOB 30-35, RPM 145, 105 DOWN HOLE, 40 0N SURF. DRILLING W/ 6-12' FLARE THROUGH BUSTER. MUD WT. 9.5+, VIS 48. HOLE STILL SEEPING ABOUT 18 BPH. RUNNING 10 GPM MU WATER, 7 GPM RESERVE, & 3 GPM FRESH. TOTAL LOSSES TODAY 471 BBL.
3/30/2007	06:00 - 15:00	9.00	DRL	1	DRILL 10411' - 10531', 120', 13.33 FPH, WOB 30-35, RPM 145, 105 DOWN HOLE, 40 ON SURFACE. HOLE SEEPING @ 14 BPH DRILLING W/ 6-10' FLARE, CONNECTION FLARE 12-15'
	15:00 - 15:30	0.50	DRL	1	SERVICE RIG, TOP DRIVE, & CHANGE OUT KELLY JT.
	15:30 - 19:00	3.50	DRL	1	DRILL 10531' - 10570', 39', 11.14 FPH, WOB 30-35, RPM 145, 105 DOWN HOLE, 40 ON SURFACE, HOLE SEEPING 14 BPH, DRILLING W/ 6-10' FLARE, CONNECTION FLARE 12-15'. TOTAL LOSSES TODAY 287 BBL.
	19:00 - 22:30	3.50	CIRC	1	CIRC BOTTOMS UP, CHECK F/ FLOW, SPOT 175 BBL OF 28% LCM @ 6610', PUMP PILL.
	22:30 - 23:00	0.50	SUR	1	DROP SURVEY @ 10510'
	23:00 - 06:00	7.00	TRP	10	STARTED OUT OF THE HOLE, PULLED FIRST STAND, THEN HSD TO PUMP OUT 1, PULLED 9, PULLED ROTATING HEAD RUBBER AND HAVE HAD TO PUMP OUT FROM THERE TO 9000', PULLING GOOD SINCE THEN.
3/31/2007	06:00 - 10:00	4.00	TRP	10	TOH W/ BIT #7MINIMAL DRAG THE REST OF THE WAY OUT. FROM 9000'. BHA WET LOST 192 BBL ON TOH.
	10:00 - 12:00	2.00	TRP	10	CHANGE BIT, CLEAN FLOOR & TIH TO SHOE.
	12:00 - 13:00	1.00	RIG	6	SLIP & CUT 96' OF DRILLING LINE
	13:00 - 13:30	0.50	RIG	1	SERVICE RIG & TOP DRIVE
	13:30 - 16:30	3.00	RIG	2	CLUTCH ON TRANSMISSION BRAKE BURNT UP
	16:30 - 01:30	9.00	TRP	10	TIH, FILL PIPE & CIRC 5 MIN. @ BHA, THEN EA. 20 STANDS. W&R 5997' - 6019', 6762' - 6793' 6854' - 6886'
	01:30 - 02:30	1.00	REAM	1	W&R 9112' - 9947', MAY NOT HAVE TO REAM ALL OF THIS BUT FIGURED IT WOULD BEAT THE ALTERNATIVE. STARTED TAKING FLOW @ 9947'.
	02:30 - 06:00	3.50	WCL	1	SHUT IN WELL & CIRC OUT GAS ON CHOKE. TOOK 15 BBL GAIN. NO RECORDSBLE SHUT IN PRESSURES. LOST 330 BBL MUD IN THE LAST 2 HRS.
4/1/2007	06:00 - 13:00	7.00	CIRC	1	CIRC THROUGH THE CHOKE & BUILD VOLUME. LOST 230 BBL IN 1 HR.
	13:00 - 16:30	3.50	REAM	1	W&R, 9947' - 10570' A FEW TIGHT SPOTS, 15' OF FILL.
	16:30 - 00:00	7.50	DRL	1	DRILL 10570' - 10655', 85', 11.33 FPH, STARTED LOOSING MORE FLUID THAN WE COULD KEEP UP WITH, PU OFF BOTTOM, CIRC @ 275 GPM. MW 9.5, VIS 44, LCM @ 8% DRILLING W/ 6-8' FLARE

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/1/2007	00:00 - 02:30	2.50	CIRC	2	CIRC & BUILD VOLUME. MW 9.5, VIS 37-38, RAISE LCM TO 12%.
	02:30 - 06:00	3.50	DRL	1	DRILL 10655' - 10722',67', 19.14 FPH, WOB 30-35, RPM 145, MW 9.5, VIS 45, LOSSES SEEM TO HAVE SLOWED SINCE 02:30, TOTAL LOSSES FOR THE DAY 767 BBL. BROUGHT IN 240 BBL OF MUD FROM TRUE 26. RUNNUNG 12% LCM IN THE SYSTEM AT THIS TIME. UNIT HAD A RIG TAG THE CROWN FOR A NEAR MIS LAST WEEK. TRYING TO LEAVE THE REAMERS IN A STAND, MOVED THE CROWN-O-MATIC AND TAGGED IT. SO WE WILL START LD REAMERS ON TRIPS IF WE NEED TO.
4/2/2007	06:00 - 15:00	9.00	DRL	1	DRILL 10722' - 10841', 119', 13.22 FPH, WOB 30-35K, RPM 145, 105 DOWN HOLE, 40 ON SURFACE. MW 9.5, VIS 40, TAKING LCM TO 12% TO RAISE MW TO 9.6-9.7.
	15:00 - 15:30	0.50	RIG	1	SERVICE RIG & TOP DRIVE. BOP DRILL 34 SEC.
	15:30 - 19:00	3.50	DRL	1	DRILL 10841' - 10903' 62', 17.71 FPH, WOB 30-35, RPM 145, TD @ 18:50.
	19:00 - 00:30	5.50	CIRC	1	C & C F/ LOGS, RAISING MW TO 9.6 PPG.
	00:30 - 01:00	0.50	SUR	1	DROP SURVEY @ 10843', WELL FLOWING 6.5 BPH
	01:00 - 03:30	2.50	CIRC	1	C&C, RAISE MW TO 9.7 PPG, NO FLOW, PUMP PILL
	03:30 - 06:00	2.50	TRP	2	TOH TO PU LOGGING TOOLS. MW 9.7, VIS 42, LCM 14% HOLE SEEPING @ 9.7 PPG. HAD 2 STANDS THAT PULLED 50K OVER BUT NORMAL SINCE THEN.
4/3/2007	06:00 - 11:30	5.50	TRP	2	TOH F/ LOGS, LD IBS'S, MONEL,& MUD MOTOR W/ SLM, SLM = 4.3' LONG. LOST 360 BBL OF MUD ON TOH. FUNCTION BLINDS, & BOTH SETS OF PIPE RAMS.
	11:30 - 12:00	0.50	RIG	1	SERVICE RIG & TOP DRIVE
	12:00 - 13:00	1.00	LOG	1	PU SCHLUMBERGER'S SUBS & MCR TOOL
	13:00 - 06:00	17.00	LOG	1	TIH @ 1100-1400 FPH LOGGING. W&R FROM 10023' NO MAJOR PROBLEMS TO THIS POINT. MW 9.7, VIS 40, LCM 12% HOLE STILL SEEPING. TOTAL LOSSES TODAY 360 BBL. ON CHOKE @ 06:05
4/4/2007	06:00 - 14:30	8.50	LOG	1	WHILE LOGGING IN W/ SCHLUMBERGER'S MCR TOOL, BOTTOMS UP GAS SURFACED, PUMPED SUCTION TANK DRY TRYING TO OUT RUN IT, HAD TO PUT WELL ON CHOKE LOST MOST OF OUR VOLUME. CIRC & BUILD VOLUME, PUMPED 160 BBL OF 20% LCM PILL TOTAL LOSSES 250 BBL.
	14:30 - 16:00	1.50	LOG	1	FINISH LOGGING IN W/ MCR TOOL TO 10903', LOGGERS TD IS 200+ FT. SHALLOW
	16:00 - 20:00	4.00	CIRC	1	CIRC BOTTOMS UP & COND MUD TO 9.6+ WT & 40 VIS, LCM 12-14%, ,IXING PREMIX TO 220% LCM TO SPOT ON TOH, FIRST TANK FLOODED HAD TO START OVER.
	20:00 - 06:00	10.00	LOG	1	LOG OUT OF THE HOLE W/ MCR TOOL, STAND # 3 & 4 PULLED 50K OVER TO WORK TRHOUGH, ABOUT 10' ON STAND #3 & 4' ON STAND #4. PULLED FIRST 5 STANDS WET, PUMP PILL, PULLED ROTATING HEAD ON STAND # 11. LOGGING DEPTH @ 06:00 3690'.
4/5/2007	06:00 - 10:00	4.00	LOG	1	LOGGING OUT W/ SCHLUMBERGERS MCR TOOL @ 1100 FPH, AVERAGING 9 STANDS / HR.
	10:00 - 12:00	2.00	LOG	1	LAY DOWN LOGGING TOOLS
	12:00 - 18:00	6.00	TRP	2	FUNCTION BLIND RAMS, MAKE UP BIT, BIT SUB & TRIP IN SLOWLY, BREAK CIRCULATION AT BHA, THEN EVERY 2000', CIRCULATED BOTTOMS UP AT 4,600'
	18:00 - 20:30	2.50	CIRC	1	CIRCULATE BOTTOMS UP AT 10,010', GAINED 40 BBLS WITH A 35-40' FLARE
	20:30 - 22:00	1.50	TRP	2	TRIP IN 6 STDS & WASH THE LAST 380' TO BOTTOM WITH 8' OF FILL
	22:00 - 02:00	4.00	CIRC	1	CIRCULATE TWO BOTTOMS UP & CONDITION MUD, HOLD SAFETY MEETING & RIG UP LAY DOWN MACHINE
	02:00 - 06:00	4.00	TRP	3	CHECK FOR FLOW (OK), PUMP PILL & LAY DOWN DRILL PIPE
4/6/2007	06:00 - 12:30	6.50	TRP	3	LAY DOWN DRILL PIPE & BHA
	12:30 - 13:30	1.00	BOP	1	PULL WEAR BUSHING
	13:30 - 16:00	2.50	CSG	1	HOLD SAFETY METTING & RIG UP CSG CREW

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/6/2007	16:00 - 18:00	2.00	CSG	2	RUN 7" CSG, BREAK CIRCULATION EVERY 30 JTS
	18:00 - 22:30	4.50	CSG	2	RUN 7" CSG, BREAK CIRCULATION EVERY 15 JTS, CIRCULATE BOTTOMS UP AT 3,700'
	22:30 - 01:00	2.50	CIRC	2	LOST PARTIAL RETURNS AT 5,440', MIX & PUMP 100 BBL PILL WITH 20% LCM, SPOT FROM 5,440'-4,170'
	01:00 - 06:00	5.00	CSG	2	RUN 7" CSG, BREAK CIRCULATION EVERY 15 JTS, REGAINED FULL RETURNS
4/7/2007	06:00 - 07:00	1.00	REAM	1	WASH 10' TO BOTTOM & LAND CSG AT 10,886'
	07:00 - 10:30	3.50	CIRC	1	CIRCULATE OUT GAS, CONDITION MUD & SHAKE OUT LCM, GAINED 30 BBLS WITH 40' FLARE ON BOTTOMS UP, RIGGED DOWN CSG CREW & STARTED RIGGING UP HALLIBURTON
	10:30 - 13:30	3.00	DEQ	4	RIG DOWN FILL TOOL, PULL LANDING JT, PACK OFF SUPPORT BUSHING & PRESSURE TEST, INSTALL CEMENT ISOLATION TOOL
	13:30 - 15:00	1.50	CMT	1	HOLD SAFETY MEETING & FINISH RIGGING UP HALLIBURTON
	15:00 - 16:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP THRU 2" VALVES ON "A" SECTION & THRU CHOKE MANIFOLD
	16:00 - 20:00	4.00	CMT	2	PRESSURE TEST CEMENT LINES TO 5,000#, FUEL LINE BROKE FOR BURNER ON NITROGEN TRUCK, CIRC THRU "A" SECTION & WAIT ON PARTS.
	20:00 - 23:30	3.50	CMT	2	CEMENT CSG WITH 630 SKS, 8.5 PPG LEAD, 523 SKS 11PPG LEAD 2, 83 SKS 14.3 PPG TAIL & 75 SKS 14.3 PPG CAP CEMENT, HAD GOOD RETURNS THRU OUT JOB BUT DID NOT GET CEMENT BACK TO SURFACE. PLUG BUMPED & FLOATS HELD.
	23:30 - 01:00	1.50	CMT	1	RIG DOWN HALLIBURTON
	01:00 - 06:00	5.00	LOC	7	CLEAN MUD TANKS & INSTALL T BLOCK FOR 3RD CHOKE IN CHOKE MANIFOLD
4/8/2007	06:00 - 08:00	2.00	LOC	7	FINISH CLEANING MUD TANKS
	08:00 - 18:00	10.00	BOP	1	CHANGE PIPE RAM PACKERS ON BOP, INSTALL 3" HYDRAULIC CHOKE, BUILD CHOKE LINES FOR 3RD CHOKE, UNLOAD 4" DRILL STRING
	18:00 - 21:00	3.00	RIG	2	WORK ON TOP DRIVE (NO POWER TO MAIN BREAKER BOX)
	21:00 - 06:00	9.00	BOP	2	PRESSURE TEST BOP, 10,000# HI, 250# LOW, ANNULAR 6,500#, CSG 1500# (FILLED MUD TANKS, CIRCULATED PITS & BUILT VOLUME)
4/9/2007	06:00 - 06:30	0.50	BOP	2	PERFORM ACCUMALATOR FUNCTION TEST
	06:30 - 07:30	1.00	BOP	2	INSTALL WEAR BUSHING
	07:30 - 08:30	1.00	TRP	1	HOLD SAFETY MEETING & RIG UP PICK UP MACHINE
	08:30 - 21:30	13.00	TRP	1	PICK UP 4" DRILL STRING
	21:30 - 22:00	0.50	TRP	1	RIG DOWN PICK UP MACHINE
	22:00 - 23:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE
	23:00 - 01:30	2.50	DRL	4	DRILL SHOE TRACK & 10' OF NEW HOLE (TAGGED CEMENT AT 10,800')
	01:30 - 02:00	0.50	EQT	2	FIT TO 12 PPG EQUIVILENT @ 10,910'
	02:00 - 06:00	4.00	DRL	1	DRILL F/ 10,910'-10,945', WOB- 10-15K, RPM- 60-70, GPM- 284, TORQUE- 1200-2900 PSI, SUSPECT PART OF PLUG IS DRAGGING AROUND BHA
4/10/2007	06:00 - 08:30	2.50	DRL	1	DRILL F/ 10,945'-10,951, WOB- 10-18K, RPM- 60-65, GPM- 284, TORQUE- 1,200-1800 PSI, STILL ACTING LIKE THERE IS PART OF THE PLUG AROUND THE BHA. BG GAS- 100u, NO LOSSES.
	08:30 - 09:30	1.00	CIRC	1	FILL TRIP TANK & MIX & PUMP PILL
	09:30 - 14:30	5.00	TRP	10	TRIP OUT F/ BIT #9, FUNCTION BLIND RAMS, BREAK BIT & LAY DOWN TRI-COLLAR (HOLE FILL 9 BBLS OVER CALCULATED)
	14:30 - 21:00	6.50	TRP	10	PICK UP 1.9 NATIONAL MOTOR, MAKE UP IMPREG & TRIP IN, BREAK CIRCULATION AFTER BHA THEN EVERY 3,000', NO LOSSES TRIPPING IN
	21:00 - 22:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, INSTALL ROT. HEAD & BREAK CIRCULATION
	22:00 - 23:00	1.00	RIG	6	CUT DRLG LINE
	23:00 - 00:00	1.00	REAM	1	TRIP IN 2 STDS & WASH LAST 60' TO BOTTOM, WHILE FANNING BOTTOM MOTOR STALLED TWICE

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/10/2007	00:00 - 06:00	6.00	DRL	1	DRILL F/ 10,951'-11,000', WOB- 8-12K, RPM- 580 COMBINED, GPM- 284, BG GAS- 60u, TRIP GAS- 2,100u, CONN GAS- 900u, NO LOSSES WHILE DRLG.
4/11/2007	06:00 - 07:30	1.50	DRL	1	DRILL F/ 11,000'-11,004', WOB- 12K, DIFF. PRESSURE- 250-300 PSI, RPM- 580 COMBINED, GPM- 284, MW- 9.6, VIS- 41, BG GAS- 70u, NO LOSSES
	07:30 - 08:30	1.00	FISH	3	JAR STUCK PIPE LOOSE (STUCK AT THE BIT) GOT STUCK WHILE DRLG FRACTURED FORMATIOIN.
	08:30 - 16:30	8.00	DRL	1	DRILL F/ 11,004'-11,056', WOB- 12-14K, DIFF. PRESSURE- 200-300 PSI, RPM- 580 COMBINED, GPM- 284, MW- 9.8, VIS- 42, BG GAS- 250u, CONN GAS- 1500u, NO LOSSES
	16:30 - 20:30	4.00	FISH	3	JAR STUCK PIPE LOOSE (GOT STUCK AT THE BIT AGAIN DRLG FRACTURED FORMATION)
	20:30 - 21:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS & COM
	21:30 - 00:00	2.50	CIRC	1	CIRCULATE & RAISE MW TO 10.1
	00:00 - 06:00	6.00	DRL	1	DRILL F/ 11,056'-11,095', WOB- 8-14K, DIFF. PRESSURE- 150-300 PSI, RPM- 580 COMBINED, GPM- 284, MW- 1O.1, VIS- 44, BG GAS- 400u, CONN GAS- 1545, VENTING THRU GAS BUSTER, HOLE SEEPING 5-6 BBLS/HR
4/12/2007	06:00 - 17:00	11.00	DRL	1	DRILL F/ 11,095'-11,240', WOB- 8-14K, DIFF. PRESSURE- 200-300 PSI, RPM- 540 COMBINED, GPM- 262, MW- 10.1, VIS- 44, BG GAS- 300u, CONN GAS- 2750u, SEEPING 2-3 BBLS/HR
	17:00 - 18:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION COM & TOP PIPE RAMS
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 11,240'-11,344', WOB- 8-14K, DIFF PRESS.- 200-300 PSI, RPM- 580 COMBINED, GPM- 284, MW- 10.1, VIS- 44, BG GAS- 250u, CONN GAS- 2,050u, SEEPING 2 BBLS/HR. (TOP OF BLACKHAWK- 11,310')
4/13/2007	06:00 - 10:00	4.00	DRL	1	DRILL F/ 11,344'-11,378', WOB- 8-14K, DIFF. PRESS.- 250-300 PSI, RPM- 580 COMBINED, GPM- 284, MW- 10.1, VIS- 42, BG GAS- 150u, CONN GAS- 1750u, SEEPING 2-3 BBLS/HR
	10:00 - 11:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM
	11:00 - 18:00	7.00	DRL	1	DRILL F/ 11,378'-11,480', DRLG WITH SAME PARAMETERS, MW & VIS, SEEPING 2-3 BBLS/HR (TOP OF BLACKHAWK SANDSTONE @ 11,420')
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 11,480'-11,604', WOB- 8-14K, DIFF. PRESS.- 250-400 PSI, RPM- 580 COMBINED, GPM- 284, MW- 10.1, VIS- 42, BG GAS- 180u, CONN GAS- 1440u, SEEPING 5-6 BBLS/HR, PUMPED TWO 75 BBL PILLS WITH 20% LCM & MIXING ONE SACK EACH OF PHENOSEAL, MICA & WALNUT PER HR FOR LOSSES.
4/14/2007	06:00 - 11:30	5.50	DRL	1	DRILL F/ 11,604'-11,664', WOB- 8-14K, DIFF. PRESS.- 300-400 PSI (STALLED ONCE), RPM- 550 COMBINED, GPM- 250, MW- 10+, VIS- 42, BG GAS- 150u, CONN GAS- 1625u, HOLE SEEPING 5-6 BBLS/HR
	11:30 - 12:30	1.00	CIRC	1	CIRCULATE, MIX PILL & FILL TRIP TANK
	12:30 - 13:00	0.50	SUR	1	DROP SURVEY
	13:00 - 15:30	2.50	TRP	10	PUMP PILL & TRIP OUT F/ BIT #10, FUNCTION COM
	15:30 - 16:30	1.00	RIG	2	SCR'S TRIPPED OUT, TROUBLE SHOOT & RESTART SCR'S (ELECTRICIAN ON THE WAY OUT TO CHECK SCR'S)
	16:30 - 21:00	4.50	TRP	10	TRIP OUT, CHANGED OUT JARS
	21:00 - 22:00	1.00	TRP	1	FUNCTION BLIND RAMS, BREAK BIT & CHANGE OUT MUD MOTORS
	22:00 - 23:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE
	23:00 - 06:00	7.00	TRP	10	MAKE UP BIT, CHANGE SAVER SUB & TRIP IN SLOWLY, BREAK CIRCULATION AFTER DC'S THEN EVERY 3000'
4/15/2007	06:00 - 07:00	1.00	CIRC	1	INSTALL ROT. HEAD RUBBER & BREAK CIRCULATION
	07:00 - 07:30	0.50	TRP	10	TRIP IN 9 STDS TO 11,570'
	07:30 - 08:30	1.00	RIG	2	TRIP 9 STDS BACK OUT TO CSG SHOE (COUPLER SHEARED BETWEEN MOTOR & PUMP ON TOP DRIVE UNIT)
	08:30 - 19:00	10.50	RIG	2	CIRCULATE OVER THE TOP OF HOLE USING TRIP TANK TO MONITOR WELL, WAIT ON MECHANIC & PARTS FOR TOP DRIVE UNIT & MAKE REPAIRS.
	19:00 - 20:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/15/2007	20:00 - 21:00	1.00	TRP	10	TRIP IN
	21:00 - 21:30	0.50	REAM	1	WASH 60' TO BOTTOM, NO FILL
	21:30 - 06:00	8.50	DRL	1	DRILL F/ 11,664'-11,975', WOB- 8-12K, DIFF. PRESS- 200-250 PSI, RPM- 116 COMBINED, TORQ- 1100-1200 PSI, GPM- 262, MW- 10.15, VIS- 44, BG GAS- 210u, CONN GAS- 500u, TRIP GAS- 6400u WITH 8-10' FLARE, SEEPING 4-5 BBLS/HR
4/16/2007	06:00 - 07:00	1.00	RIG	4	CHANGE OUT SAVER SUBS
	07:00 - 12:00	5.00	DRL	1	DRILL F/ 11,975'-12,249', WOB- 8-12K, DIFF. PRESS.- 200-250 PSI, RPM- 116 COMBINED, TORQUE- 1150-1250 PSI, GPM- 262, MW- 10.15, VIS- 42, BG GAS-200u, CONN GAS- 3980u, SEEPING- 2 BBLS/HR
	12:00 - 13:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION HCR & COM
	13:00 - 18:00	5.00	DRL	1	DRILL F/ 12,249'-12,411', DRLG WITH SAME PARAMETERS, RAISED MW TO 10.4 FOR HOLE STABILITY, VIS- 42, BG GAS- 320u, CONN GAS- 2400u, SEEPING 2 BBLS/HR
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 12,411'-12,725', WOB- 8-12K, DIFF. PRESS.- 200-300 PSI, RPM- 116 COMBINED, TORQUE- 1200-1300 PSI, GPM- 262, MW- 10.4, VIS- 44, BG GAS- 110u, CONN GAS- 2740u, 3' CONN FLARE, SEEPING 2 BBLS/HR
4/17/2007	06:00 - 14:30	8.50	DRL	1	DRILL F/ 12,775'-13,058', WOB- 8-14K, DIFF. PRESS- 250-350 PSI, RPM- 116 COMBINED, TORQ.- 1200-1450(TORQUED UP & PRESSURED UP TO 500-600 PSI SEVRAL TIMES DRLG SHALES, RAISED MW TO 10.6 TO STABALIZE HOLE, BG GAS- 750-1400u THRU BUSTER, DRLG WITH 3-8' FLARE, SEEPING 2 BBLS/HR
	14:30 - 15:30	1.00	RIG	1	SCR'S WENT DOWN, LUBRICATE RIG & TOP DRIVE WHILE TROUBLE SHOOTING SCR'S (FOUND BAD FUSE IN DRILLER'S PANEL
	15:30 - 16:30	1.00	DRL	1	ATTEMPT TO DRILL, COULD NOT GET ANY DIFFERENTIAL PRESSURE (MOTOR FAILURE)
	16:30 - 18:30	2.00	CIRC	1	CIRCULATE, MIX PILL & FILL TRIP TANK
	18:30 - 19:30	1.00	CIRC	1	SPOT 40 BBL 12# PILL 13,058'-12,200' & CHECK FOR FLOW
	19:30 - 20:00	0.50	SUR	1	DROP SURVEY
	20:00 - 22:00	2.00	TRP	12	TRIP OUT 23 STDS, CHECK FOR FLOW & PULL ROT. HEAD
	22:00 - 03:00	5.00	TRP	12	PUMP PILL & TRIP OUT FOR MOTOR FAILURE (HOLE FILL 32 BBLS OVER CALCULATED)
	03:00 - 04:30	1.50	TRP	1	FUNCTION BLIND RAMS, BREAK BIT, CHANGE OUT MUD MOTORS & RETRIEVE SURVEY TOOL
	04:30 - 06:00	1.50	TRP	12	MAKE UP NEW BIT & TRIP IN, BREAK CIRCULATION AFTER BHA THEN EVERY 3000'
4/18/2007	06:00 - 14:00	8.00	TRP	12	TRIP IN SLOWLY BREAKING CIRCULATION EVERY 3,000 & THEN EVERY 500' THE LAST 1500' (LOST 15 BBLS)
	14:00 - 15:00	1.00	REAM	1	WASH 120' TO BOTTOM, WORK THRU TIGHT SPOT AT 12,935'-12,940'
	15:00 - 17:00	2.00	DRL	1	DRILL F/ 13,058'-13,093', WOB- 10-14K, DIFF. PRESS.- 150-250 PSI, RPM- 115-120, TORQ.- 1,100-1,200 PSI, GPM- 257-278, MW- 10.7, VIS- 40, BG GAS- 200u THRU BUSTER WITH 3-6' FLARE, TRIP GAS- 2,000u WITH 10-20' FLARE, CONN GAS- 6,200u WITH 8-15' FLARE
	17:00 - 18:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION LOWER PIPE RAMS & COM
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 13,093'-13,430', WOB- 8-14K, DIFF. PRESS.- 200-300 PSI, RPM- 122 COMBINED, TORQ.- 1200-1350 PSI, GPM- 278, MW- 10.65, VIS- 42, BG GAS- 1100u THRU BUSTER, 1800 OFF BUSTER, CONN GAS- 2750u THRU BUSTER, NO FLARES, SEEPING 2 BBLS/HR
4/19/2007	06:00 - 11:00	5.00	DRL	1	DRILL FROM 13460 TO 13679 - PREPAIRING PREMIX WITH 12.6 MUD WT FOR POSSIBLE TRIP TO SHOE TO REPAIR SCR
	11:00 - 12:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	12:00 - 13:00	1.00	RIG	2	ELECTRICIAN DOING RIG REPAIR ON SCR SYSTEM - RELAY BLOCK LOOSE, WIRE COLLECTION PAD BLOCK IN DRILLERS PANEL HAD TWO BAD PINS

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/19/2007	13:00 - 18:00	5.00	DRL	1	DRILL FROM 13679 TO 13872
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 13872 TO 14250 - SCR STILL RUNNING GREAT - MUD WT = 10.8 - ON BUSTER = 2000 UNITS WITH 5' FLARE - OFF BUSTER = 5675 UNITS WITH NO FLARE - WILL MONITOR NEXT COUPLE CONNECTION AND SAMPLES FOR MUD WT
4/20/2007	06:00 - 13:00	7.00	DRL	1	DRILL FROM 14250 TO 14457 - MUD WT. = 10.85 AND CONNECTIONS ARE GOOD
	13:00 - 14:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	14:00 - 18:00	4.00	DRL	1	DRILL FROM 14457 TO 14608 - SPR FOR 30-40-50= 960-1420-2040
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 14608 TO 14938 - HOLE DOING GREAT ON OVER PULL AND TORQUE, WILL RAISE MUD WT. TO 11.0 FOR EXTRA GAS - CONNECTION GAS AT 9200 BUT HAS A SHORTER SPAN, LOOKS LIKE UPPER GAS TRYING TO BLEED DOWN- FRONTIER CAME IN AT 14837 - PR HAS DECREASED TO 20' IN UPPER FRONTIER
4/21/2007	06:00 - 13:00	7.00	DRL	1	DRILL FROM 14938 TO 15196
	13:00 - 14:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	14:00 - 15:30	1.50	RIG	2	RIG DOWN TIME DUE TO BAD FUSES IN SCR - ALARM ON FLOOR FOR DRAWWORKS OIL PRESSURE WAS DICONNECTED
	15:30 - 18:00	2.50	DRL	1	DRILL FROM 15196 TO 15293 - ON BUSTER WITH 15' FLARE - PICKING UP CONDENSATE
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 15293 TO 15561 - STILL HAVE CONDENSATE IN MUD - DOING GAS UNIT CHECKS ON AND OFF BUSTER - A LOT OF FOAM COMING BACK - VIS HAS RAISED TO AS HIGH OF 62 - ADDING DRILL THIN - WHEN OFF OF BUSTER WE ONLY HAVE 6 TO 8 FOOT FLARE 50% OF THE TIME - 50% NO FLARE - WHEN ON BUSTER FLARE IS NOT STEADY - PULSES BACK AND FORTH FROM 4 TO 8 FOOT
4/22/2007	06:00 - 12:30	6.50	DRL	1	DRILL FROM 15561 TO 15649 - RAISING MUD WT. TO 11.4
	12:30 - 13:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	13:30 - 18:00	4.50	DRL	1	DRILL FROM 15649 TO 15728 - RAISING MUD WT. TO COMBAT HIGH BACKGROUND GAS - MUD VERY FOAMED UP - NOT BREAKING OUT EVEN ON BUSTER - PRSENT MUD WT. NOW 11.6
	18:00 - 19:00	1.00	DRL	1	DRILL FROM 15728 TO 15740
	19:00 - 02:00	7.00	CIRC	1	MOTOR SPIKED - BLEW POP-OFF - GOT 40' OFF BOTTOM AND TRIED TO REGAIN CIRCULATION - FINALLY GOT TO CIRCULATE - PREPAIR FOR TRIP OUT - FILL TRIP TANK - BUILD 2# OVER PILL AND WT. ACTIVE MUD SYSTEM UP FOR HIGH BACKGROUND GAS BEFORE TRIPPING OUT
	02:00 - 03:00	1.00	CIRC	1	SPOT 68 BBLS OF 2# OVER ON BACKSIDE
	03:00 - 04:00	1.00	TRP	12	TRIP 30 STANDS OUT SLOWLY - HOLE FILL WAS 3.2 BBLS OVER - HOLE SMOOTH
	04:00 - 05:00	1.00	CIRC	1	SPOT 67 BBLS 2# OVER ON BACKSIDE
	05:00 - 06:00	1.00	TRP	12	TRIP ANOTHER 30 STANDS OUT - HOLE STILL SMOOTH
4/23/2007	06:00 - 07:00	1.00	CIRC	1	FINISH CIRCULATING BOTTOMS UP FROM SHOE
	07:00 - 07:30	0.50	CIRC	1	PUMP TRIP SLUG
	07:30 - 12:30	5.00	TRP	12	FINISH TRIP OUT OF HOLE - TRIP SHEET = 16 BBLS EXTRA
	12:30 - 13:30	1.00	TRP	1	HANDLE BHA - LD MM AND BIT - PICK UP SAME - BIT HAD 2 JETS PLUGGED WITH STATOR RUBBER - MOTOR HAD EXCESS BEARING MOVEMENT
	13:30 - 14:30	1.00	TRP	2	TRIP BHA INTO HOLE AND FILL PIPE AND CIRCULATE FOR 5 MIN.
	14:30 - 15:00	0.50	BOP	1	INSTALL RT HEAD RUBBER
	15:00 - 18:00	3.00	TRP	2	TRIP IN TO HOLE SLOWLY - FILLING EVERY 3 ROWS
	18:00 - 19:30	1.50	TRP	2	TRIP TO SHOE FILLING EVERY 3 ROWS
	19:30 - 20:00	0.50	BOP	1	INSTALL NEW RT. HEAD
	20:00 - 21:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP AT SHOE - 25' FLARE
	21:00 - 22:00	1.00	TRP	2	TRIP IN HOLE TO 13500

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/23/2007	22:00 - 23:00	1.00	CIRC	1	CIRCULATE HEAVY MUD TO 6000'
	23:00 - 00:00	1.00	TRP	2	TRIP IN TO HOLE TO 15500 WHERE WE HIT SMALL TIGHT SPOT
	00:00 - 01:30	1.50	REAM	1	SAFETY WASH AND REAM FROM 15500' TO 15740 - 1 SMALL TIGHT SPOT AT 15500'
	01:30 - 02:00	0.50	CIRC	1	FINISH CIRCULATING OUT GAS - 45' FLARE WITH 38 BBL GAIN
	02:00 - 06:00	4.00	DRL	1	DRILL FROM 15740 TO 15790 - WT. UP TO 12.1 - PRESENTLY WE ARE AT 11.95 WITH A 6' DRILLING FLARE VENTING ON BUSTER
4/24/2007	06:00 - 14:00	8.00	DRL	1	DRILL FROM 15790 TO 15817 - BIT SLOWED AND COULD NOT GET TO PICK BACK UP
	14:00 - 15:00	1.00	REAM	1	REAM TIGHT SPOT AT 15803 TO 15806
	15:00 - 17:00	2.00	CIRC	1	CIRCULATE BOTTOMS UP FOR TRIP OUT
	17:00 - 18:00	1.00	CIRC	1	SPOT 1.5# OVER PILL ON BOTTOM - WILL COVER 2050'
	18:00 - 19:00	1.00	TRP	10	TRIP TO 13030' = 30 STANDS
	19:00 - 19:30	0.50	CIRC	1	SPOT 2# OVER SLUG ON BACKSIDE TO FINISH COVERING OPEN HOLE
	19:30 - 21:00	1.50	TRP	10	TRIP TO 10112' TO GET ON TOP OF HEAVY SLUG
	21:00 - 22:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP
	22:00 - 01:00	3.00	TRP	10	FINISH TRIP OUT
	01:00 - 02:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE - FUNCTION ALL BOP EQUIPMENT AS PER BLM REQUIREMENTS
	02:00 - 04:30	2.50	TRP	1	HANDLE BHA - LD MM - LD BIT AND JARS - PICK UP SAME
	04:30 - 06:00	1.50	TRP	2	TRIP BHA IN TO HOLE AND FILL AND CIRCULATE - WILL FILL EVERY 3 ROWS - CIRCULATE BOTTOMS UP AT 5000' TO GET RID OF TRIP SLUG
4/25/2007	06:00 - 11:00	5.00	TRP	2	TRIP IN TO HOLE AND FILL EVERY 3 ROWS - CIRCULATE BOTTOMS UP AT 5000'
	11:00 - 12:00	1.00	RIG	6	CUT DRILL LINE
	12:00 - 13:00	1.00	CIRC	1	CIRCULATE BOTTOMS FROM SHOE
	13:00 - 16:00	3.00	TRP	2	TRIP TO BOTTOM SLOWLY - PICKED UP BIT WT. COMING OUT OF SHOE
	16:00 - 18:00	2.00	CIRC	1	CIRCULATE BOTTOMS UP - 31 BBL GAIN AND NO LOSSES - 40' FLARE ON BUSTER
	18:00 - 18:30	0.50	RIG	2	RIG REPAIR - REPLACE SAVER SUB
	18:30 - 19:30	1.00	REAM	1	WASH AND REAM FROM 15780 TO 15817
	19:30 - 06:00	10.50	DRL	1	DRILL FROM 15817 TO 15906 - MUD WT. AT 12.5 WITH A 4-6' DRILLING FLARE - VENTED BUSTER - WILL HAVE TO RAISE WT. IF WE DRILL ANY MORE SANDS
4/26/2007	06:00 - 17:30	11.50	DRL	1	DRILL F/ 15,906'-15,977', WOB- 10-12K, DIFF. PRESS.- 200-250 PSI, RPM- 575 COMBINED, GPM- 278, RAISING MW FROM 12.5 TO 12.8, MW- 12.7, VIS-46, BG GAS- 1400u THRU BUSTER WITH 2-6' FLARE, CONN GAS- 4500u WITH 10' FLARE, NO LOSSES
	17:30 - 18:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM
	18:30 - 20:00	1.50	DRL	1	DRILL F/ 15,977'-15,985', DRLG WITH SAME PARAMETERS, MW- 12.8, VIS- 45, SAME BG & CONN GAS
	20:00 - 21:00	1.00	BOP	1	CHANGE OUT ROT. HEAD RUBBER (7 OF THE 8 BOLTS FELL OUT OF HEAD, BOLTS ARE 5/8"x3 1/4" LONG)
	21:00 - 06:00	9.00	DRL	1	DRILL F/ 15,985'-16,048', WOB- 10-14K, DIFF. PRESS.- 200-350 PSI, RPM- 580 COMBINED, GPM- 278, MW- 12.7, VIS- 43, BG GAS- 1600 THRU BUSTER WITH 2-4' FLARE, OFF THE BUSTER- 4100u, CONN GAS- 1950u WITH 3-6' FLARE, SEEPING 1-2 BBLS/HR, TOP OF DAKOTA SAND- 15,997'
4/27/2007	06:00 - 11:00	5.00	DRL	1	DRILL F/ 16,048'-16,074', WOB- 10-16K, DIFF. PRESS.- 200-350 PSI, RPM- 580 COMBINED, GPM- 278, MW- 12.7, VIS- 44, BG GAS- 2,200u THRU BUSTER WITH 2-4' FLARE, OFF BUSTER- 6,200u, CONN GAS- 2,400u WITH 4-6' FLARE, VARY LITTLE SEEPAGE
	11:00 - 12:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION LOWER PIPE RAMS & COM, FIRE DRILL- 52 SEC.

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/27/2007	12:00 - 18:00	6.00	DRL	1	DRILL F/ 16,074'-16,124', DRLG WITH SAME PARAMETERS, RAISING MW TO 12.9, MW- 12.8, VIS- 42, BG GAS- 2250u THRU BUSTER WITH 2-4' FLARE, OFF BUSTER- 7450u, GAS CUT MW- 11.9, VARY LITTLE SEEPAGE
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 16,124'-16,198', WOB- 10-14K, DIFF. PRESS.- 250-350 PSI, RPM- 580 COMBINED, GPM- 278, MW- 13+ IN, 13 OUT, OFF BUSTER- 12.7 OUT, VIS- 43, BG GAS- 1050u WITH 1-3' FLARE, OFF BUSTER- 5200u, CONN GAS- 2450u WITH 3-5' FLARE, VARY LITTLE SEEPAGE
4/28/2007	06:00 - 08:00	2.00	DRL	1	DRILL F/ 16,198'-16,205', WOB- 12-14K, DIFF. PRESS.- 250-350 PSI, RPM- 580, GPM- 278, MW- 13+, VIS- 43, BG GAS- 1850u THRU BUSTER WITH 1-3' FLARE, NO LOSSES
	08:00 - 09:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS & COM
	09:00 - 14:30	5.50	DRL	1	DRILL F/ 16,205'-16,247', DRLG WITH SAME PARAMETERS, MW- 13.1+, VIS- 42, BG GAS- 1300u WITH 1-3' FLARE, OFF BUSTER- 6200u, CONN GAS- 2380u WITH 4-6' FLARE, NO LOSSES
	14:30 - 17:30	3.00	RIG	2	RIG REPAIR- WORK ON BOTH PUMPS (REPLACED TWO SWABS & TWO VALVES & SEATS IN #2 PUMP, REPLACED BAD SWAB & FAST CAP GASKET IN #1 PUMP)
	17:30 - 06:00	12.50	DRL	1	DRILL F/ 16,247'-16,309', WOB- 12-16K, DIFF. PRESS.- 200-350 PSI, RPM- 580 COMBINED, GPM- 278, MW- 13.4, VIS- 46, BG GAS- 1400u WITH 0-2' FLARE, OFF BUSTER- 7200u, CONN GAS- 2650u WITH 3-5' FLARE, NO LOSSES
4/29/2007	06:00 - 07:30	1.50	CIRC	1	CIRCULATE BOTTOMS UP & MIX PILL
	07:30 - 08:30	1.00	TRP	14	CHECK FOR FLOW, FLOWED 1/2"-3/4" STREAM FOR 1/2 HR THEN STARTED TO TAPER OFF
	08:30 - 11:00	2.50	TRP	14	SHORT TRIP- WORK THRU TIGHT SPOT F/ 16,037'-16,045' THEN BACK REAM OUT TO 15,850'
	11:00 - 12:30	1.50	CIRC	1	CIRCULATE OUT GAS & PUMP PILL
	12:30 - 16:30	4.00	TRP	14	SHORT TRIP 57 STDS OUT TO CSG SHOE, BACKREAM THRU TIGHT HOLE F/ 11,121'-10,886'
	16:30 - 17:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION HCR, CKECK FOR FLOW- OK
	17:30 - 21:00	3.50	TRP	14	TRIP IN SLOWLY, BREAK CIRCULATION EVERY 2,000'
	21:00 - 00:00	3.00	CIRC	1	WASH 60' TO BOTTOM, CIRCULATE OUT GAS & CONDITION MUD F/ LOGS
	00:00 - 00:30	0.50	CIRC	1	SPOT 16# PILL F/ 16,309'-13,809'
	00:30 - 06:00	5.50	TRP	2	TRIP OUT F/ LOGS (BACK REAM & CLEAN TIGHT HOLE F/ 15,913'-15,840') SLM
4/30/2007	06:00 - 10:00	4.00	REAM	1	BACK REAM & CLEAN OUT TIGHT HOLE F/ 11,266'-10,886' (CSG SHOE)
	10:00 - 18:00	8.00	TRP	2	MUD MOTOR FAILURE, TRIP OUT WET (SLM)
	18:00 - 22:30	4.50	TRP	2	TRIP OUT WET, SLM- 16,316'
	22:30 - 23:30	1.00	TRP	1	FUNCTION BLIND RAMS, BREAK BIT & LAY DOWN MUD MOTOR
	23:30 - 00:30	1.00	LOG	1	HOLD SAFETY MEETING & RIG UP HALLIBURTON LOGGING TOOLS
	00:30 - 06:00	5.50	LOG	1	LOGGING- 1ST RUN PLATFORM EXPRESS TRIPLE COMBO, COULD NOT GET PAST BRIDGE @ 16,190', GOT TOOL STUCK @ 13,890' & 13,809', BOTTOM HOLE TEMP- 296 DEG.
5/1/2007	06:00 - 18:00	12.00	LOG	1	LOGGING WITH HALLIBURTON, 1ST RUN- TRIPLE COMBO (16,190'-SURFACE), 2ND RUN- GAMMA RAY/ WAVE SONIC (10,850'-2,000'), CIRCULATING OVER THE TOP OF HOLE MONITORING WELL.
	18:00 - 22:30	4.50	LOG	2	LOGGING WITH HALLIBURTON, THIRD RUN- GAMMA RAY/ BOND LOG (10,850'-2,950') TOP OF CEMENT AT 3,700', CIRCULATING OVER THE TOP OF HOLE MONITORING WELL.
	22:30 - 23:00	0.50	LOG	1	RIG DOWN LOGGERS
	23:00 - 06:00	7.00	TRP	2	MAKE UP BIT, BIT SUB & TRIP IN SLOWLY, BREAK CIRCULATION AFTER BHA THEN EVERY 1,000', INSTALL ROT. HEAD & CIRCULATE BOTTOMS UP AT 6,500'
5/2/2007	06:00 - 09:00	3.00	TRP	15	TRIP IN, BREAK CIRC. & CIRC. F/ 10 MIN. EVERY 1,000'
	09:00 - 13:30	4.50	TRP	13	TRIP BACK OUT TO RETREIVE WIRE BRUSH THAT WAS DROPPED IN DP

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Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release:
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/2/2007	09:00 - 13:30	4.50	TRP	13	(FOUND BRUSH IN JARS)
	13:30 - 18:00	4.50	TRP	15	TRIP IN SLOWLY, BREAK CIRC. AFTER BHA THEN EVERY 2,000'
	18:00 - 03:00	9.00	TRP	15	TRIP IN SLOWLY, BREAK CIRC. EVERY 2,000' TO 6500' THEN EVERY 1000', INSTALL ROT. HEAD & CIRC. BOTTOMS UP @ 10,850'
	03:00 - 04:00	1.00	RIG	2	TOP DRIVE REPAIR- SPLICE 37 PIN CABLE TO TOP DRIVE UNIT.
	04:00 - 06:00	2.00	TRP	15	TRIP IN SLOWLY, BREAK CIRC. EVERY 1,000', CIRC. BOTTOMS UP @ 15,809', MW- 13.3 IN, 12.9 OUT, VIS- 47 IN, 54 OUT, BG GAS- 600u WITH 10-15' FLARE TRIP GAS- 7100u WITH 25-40' FLARE, NO LOSSES TRIPPING IN

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Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

43-047-37665

Spud Date: 2/24/2007
Rig Release: 5/5/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/25/2007	06:00 - 14:00	8.00	LOC	2	FINISH CEMENTING CODUCTOR PIPE, DRILL & SET MOUSEHOLE
	14:00 - 16:00	2.00	LOC	4	RIG UP BILL JR'S RIG #8
	16:00 - 06:00	14.00	DRL	9	AIR DRILL F/ 80'-660'
	-				RECEIVED 7 LOAD OF UNIT RIG 109 FROM WYO. LOCATION
2/26/2007	06:00 - 09:00	3.00	DRL	9	HAMMER DRILL F/ 660'-720'
	09:00 - 10:00	1.00	CIRC	1	BLOW HOLE CLEAN
	10:00 - 12:00	2.00	TRP	3	LAY DOWN DRILL STRING
	12:00 - 13:00	1.00	CSG	2	RUN 10 3/4" CSG
	13:00 - 14:00	1.00	LOC	4	RIG DOWN
	14:00 - 14:30	0.50	CMT	1	RIG UP BIG 4 CEMENTERS
	14:30 - 15:30	1.00	CMT	2	CEMENT CSG WITH 500 SX OF PREMIUM CEMENT, 2% CALCIUM CLORIDE & 1/4 LB/SX FOCELE, SLURRY WT.- 15.6 PPG, DISPLACEMENT VOL.- 67 BBLS, PUMPED 69 BBLS, PLUG DID NOT BUMP & FLOATS DID NOT HOLD. SHUT IN CEMENT HEAD & WOC. HAD GOOD RETURNS THRU OUT JOB & GOT 6 BBLS CEMENT BACK TO SURFACE & CEMENT DID NOT DROP.
	15:30 - 16:00	0.50	CMT	1	RIG DOWN CEMENTERS
	16:00 - 06:00	14.00	LOC	4	RECEIVED 15 LOADS, WAIT ON DALIGHTS (OPENED VALVE ON CEMENT HEAD AT 21:00- NO FLOW BACK OR PRESSURE)
2/27/2007	06:00 - 18:00	12.00	LOC	5	INSTALL CELLAR RING & PREP LOCATION, RECEIVED 10 LOADS OF RIG
	18:00 - 06:00	12.00	LOC	3	WAIT ON DAYLIGHTS, WILL SET MATS IN MORNING & START RIGGING UP, NEED ANOTHER 20-30' IN THE BACK OF THE LOCATION TO MAKE ROOM FOR MUD PRODUCTS AND PREMIX TANK
2/28/2007	06:00 - 18:00	12.00	LOC	4	RIG UP- LAY PLASTIC, SET MATS, SET BOTTOM SUBS, WELD ON STARTING HEAD & INSTALL MBS (HAD 2 DRILLERS & 1 HAND), RECEIVED 10 LOADS, EXTENDING BACK SIDE OF LOCATION 45' TO MAKE ENOUGH ROOM FOR RIG & MUD PRODUCTS.
	18:00 - 06:00	12.00	LOC	4	WAIT ON DAYLIGHTS
3/1/2007	06:00 - 18:00	12.00	LOC	4	SET MIDDLE SUB- MUD TANKS - MATS FOR SCR HOUSE -CHECK BOTH PUMPS & DRAWORKS
	18:00 - 06:00	12.00	OTH		W.O. DAYLIGHT TO RURT
3/2/2007	06:00 - 18:00	12.00	LOC	4	SET WATER TANKS - SET PUMPS - SET SCR HOUSE - GEN SET - & ALL BACK YARD - SET DRAWORKS ON FLOOR - CEMENT CELLAR TO BOTTOM OF WELL HEAD SET GAS BUSTER IN & GEN RU
	18:00 - 06:00	12.00	OTH		W.O. DAYLIGHT TO RURT
3/3/2007	06:00 - 18:00	12.00	LOC	4	HOOK UP ALL ELEC. CORD TO PUMPS- DRAWORKS - BUILD DERRICK & DRESS DERRICK OUT - START HOOKING UP MUD CLEANING EQUIPMENT - SET GAS BUSTER & RUN FLARE LINES - GEN. RU
	18:00 - 06:00	12.00	OTH		W.O. DAYLIGHT TO RURT
3/4/2007	06:00 - 18:00	12.00	LOC	4	SET DERRICK ON FLOOR W.0. ELECTRIAN TO FIX SCR CONTROL ON DRAWORKS TO RAISE DERRICK - FILL WATER TANKS & BOILER - FIRE BOILER - WELD ON SUCTION TANK PILL TANK - GEN RU
	18:00 - 06:00	12.00	OTH		W.O. DAYLIGHT TO RURT
3/5/2007	06:00 - 18:00	12.00	LOC	4	FINISH STRINGING UP DERRICK - HOOK UP SCR CONTROL PANEL TO DRAWORKS & TEST - TEST BRIDLE LINE & RAISE DERRICK - HOOK UP MUD CLEANING EQUIPMENT - WELD ON SUCTION TANK - & GEN RURT - MAG - FLUX D.C FOUND 14 BAD D.C -
	18:00 - 06:00	12.00	OTH		W.O. DAYLIGHT TO RURT
3/6/2007	06:00 - 18:00	12.00	LOC	4	RIG UP FLOOR - START RU TOP DRIVE - WELD ON PILL TANK - SET FRONT END OF YARD IN - SET BAR HOPPERS - HOOK UP MUD LINES - HOOK UP ACC. HOUSE & BOP LINES
	18:00 - 06:00	12.00	OTH		W.O. DAYLIGHT TO RURT
3/7/2007	06:00 - 06:00	24.00	LOC	4	RU TOP DRIVE - HANG SLIDE IN DERRICK - PU TOP DRIVE UNIT - WELD ON PILL TANK - INSTALL MUD AGITOR - GENERAL RU - NIPPLE UP HIGH

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Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release: 5/5/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/7/2007	06:00 - 06:00	24.00	LOC	4	PRESSURE ROTATING HEAD -
3/8/2007	06:00 - 06:00	24.00	LOC	4	GENERAL RIG UP- HOOK UP LINES TO TOP DRIVE, TIGHTEN TOP DRIVE CONNECTIONS, FINISH NIPPLEING UP ROT. HEAD, HOOK UP HOSES TO HEAD & FUNCTION TEST, WELD FLANGES ON FLOW LINE FOR ORBIT VALVE & INSTALL ORBIT VALVE, RIGGED UP DRIP PANS AROUND BOP, HOOKED UP TURN BUCKLES TO BOP, WELDERS CONTINUE BUILDING MUD LINES FOR PREMIX COMPARTMENT IN SUCTION TANK, GROUNDED ALL BUILDINGS & ELECTRICAL MOTORS. PUT COVERS ON PUMPS & FILLED PUMPS WITH OIL. TURNED GOOSENECK ON SWIVEL & HOOKED UP KELLY HOSE.
3/9/2007	06:00 - 18:00	12.00	LOC	4	GENERAL RIG UP- TIGHTEN BOLTS & TURN BUCKLES ON TORQUE TUBE, TIE TOGETHER SERVICE LOOP LINES, PICK UP BALES & ELEVATORS, BOLTED UP HOPPER DISCHARGE LINE, SPOTTED BAR HOPPERS, RIGGED UP SLIDES ON SHAKERS. WELDERS FINISHED PREMIX TANK (STILL NEED TO EXTEND FLARE LINES TO FLARE PIT, BUILD SUCTION MANIFOLD FOR MUD CLEANERS & WELD FLOWLINE TO ROT. HEAD)
	18:00 - 06:00	12.00	LOC	4	GENERAL RIG UP- RIGGED UP SCAFFOLDING IN SUBSTRUCTURE, RIGGED UP FILL UP LINES FROM FLOOR & FROM TRIP TANK, RIGGED UP AIR LINE FOR ORBIT VALVE, CHANGED SHAKER SCREENS, TIGHTEN VALVE FLANGES ON MUD TANKS, RIG UP YELLOW DOG & CIRC. RESERVE PIT
3/10/2007	06:00 - 14:00	8.00	LOC	4	GENERAL RIG UP- REPOSITION CHOKE MANIFOLD HOUSE & HOOK UP CHOKE LINE, REPAIR AGITATOR IN #2 TANK, GET MUD TANKS READY TO FILL & FILL MUD TANKS, WELDERS EXTENDING SHAKER SLIDES & MODIFYING GAS BUSTER LINES.
	14:00 - 21:30	7.50	BOP	1	TIGHTEN BOLTS ON BOP STACK
	21:30 - 00:00	2.50	BOP	1	HOOK UP KOOMEY LINES, REPLACE PACKING IN KOOMEY PUMP & FUNCTION TEST BOP
	00:00 - 01:00	1.00	BOP	2	RIG UP TESTERS
	01:00 - 06:00	5.00	BOP	2	PRESSURE TEST BOP (PIPE RAMS, BLIND RAMS, CHOKE MANIFOLD & KILL LINE VALVES TO 5000# HI, 250# LOW, ANNULAR- 3500# HI, 250# LOW, CSG-1500#) PERFORMING ACCUMALATOR FUNCTION TEST
3/11/2007	06:00 - 09:00	3.00	BOP	2	PERFORM ACCUMALATOR FUNCTION TEST- PRECHARGE IN BOTTLES WAS 750 PSI, CHECKED PRECHARGE IN EACH BOTTLE & FOUND TWO LOW BOTTLES & ONE BOTTLE WITH BAD VALVE CORE, REPLACED CORE & CHARGED ONE BOTTLE, THE OTHER BOTTLE HAS CHINESE BLADDER & WILL BE CHARGED WHEN CHINESE FILL TOOL ARRIVES. BLM GAVE THE OK TO DRILL.
	09:00 - 11:00	2.00	BOP	1	NIPPLE UP "T" BLOCK ON END OF CHECK VALVE & HOOK UP KILL LINE & HALLIBURTON LINE.
	11:00 - 18:00	7.00	LOC	4	HELP WELDERS RIG UP FLARE LINES & SHAKER SLIDES, RIGGED UP EXHAUSTS ON GENERATORS, STRAPPED BHA, DID RIG INSPECTION & MADE NECCESSARY CORRECTIONS.
	18:00 - 19:30	1.50	BOP	1	INSTALL WEAR BUSHING & CENTER UP BOP
	19:30 - 00:00	4.50	LOC	4	HELP WELDERS WITH GAS BUSTER LINES & SHALE SHAKER SLIDES, RIG UP WIRE LINE MACHINE, READY FLOOR FOR DRLG, RIG UP WASH DOWN LINE FOR SOLIDS CONTROL EQUIP. & SHAKER SLIDES.
	01:00 - 06:00	5.00	LOC	4	TIME CHANGE, GET FLOOR READY FOR DRLG, RIG UP WIRELINE MACHINE, & STRAIGHTEN & RETIE HOSES FOR SERVICE LOOP ON TOP DRIVE
3/12/2007	06:00 - 09:30	3.50	TRP	1	PICK UP BHA
	09:30 - 12:00	2.50	CIRC	1	CIRCULATE THRU FILLUP LINE & FLUSH OUT PUMPS, PRESSURE TEST MUD LINES TO 2500 PSI & FIX LEAKS
	12:00 - 14:00	2.00	BOP	1	INSTALL DRLG. NIPPLE IN ROT. HEAD & ADJUST TURNBUCKLES ON TORQUE TUBE TO CENTER UP DRILL STRING IN BOP.
	14:00 - 15:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION COM

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release: 5/5/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/12/2007	15:00 - 16:30	1.50	DRL	4	DRILL SHOE TRACK
	16:30 - 17:30	1.00	EQT	2	CIRCULATE & PERFORM FIT TO 10.5 EQUIVILENT- OK
	17:30 - 18:00	0.50	SUR	1	WIRELINE SURVEY @ 715'- MR
	18:00 - 21:00	3.00	DRL	1	DRILL F/ 720'-1,000', WOB- 10-12K, RPM- 120 COMBINED, GPM- 498, MW- 8.35, VIS- 26, BG GAS- 30u, CONN GAS- 150u, PUMPING 10 BBL HI VIS SWEEPS EVERY 100' TO CLEAN HOLE.
	21:00 - 21:30	0.50	SUR	1	CIRCULATE & SURVEY @ 1,000', SURVEY DEPTH- 940'- .2 INC, 262.5 AZ
	21:30 - 06:00	8.50	DRL	1	DRILL F/ 1,000'-1,373', WOB- 10-15K, RPM- 130 COMBINED, GPM- 556, MW- 8.35, VIS- 26, BG GAS- 35u, CONN GAS- 200u, PUMPING 10 BBL HI VIS SWEEPS EVERY 100' TO CLEAN HOLE.
3/13/2007	06:00 - 09:00	3.00	DRL	1	DRILL F/ 1,373'-1,485', WOB- 10-15K, RPM- 140 COMBINED, GPM- 556, MW- 8.35, VIS- 26, BG GAS- 60u, CONN GAS- 300u, PUMPING 10 BBL HI VIS SWEEPS TO CLEAN HOLE, NO BIT BALLING YET.
	09:00 - 09:30	0.50	SUR	1	CIRC & SURVEY AT 1,485', SURVEY DEPTH- 1,425', .4 INC, 192.7 AZ
	09:30 - 15:30	6.00	DRL	1	DRILL F, 1,485'-1,863', DRLG WITH SAME PARAMETERS, MW & VIS. PUMPING 10 BBL HI VIS SWEEPS TO KEEP HOLE CLEAN.
	15:30 - 16:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION COM & TOP PIPE RAMS
	16:30 - 18:30	2.00	DRL	1	DRILL / 1,863'-1,983', WOB- 10-15K, RPM- 140 COMBINED, GPM- 556, MW- 8.4, VIS- 27, BG GAS- 100u, CONN GAS- 350u, PUMPING 10 BBL HI VIS SWEEPS TO CLEAN HOLE
	18:30 - 19:00	0.50	SUR	1	CIRC. & SURVEY AT 1,983', SURVEY DEPTH- 1,923', .3 INC., 189.2 AZ
	19:00 - 03:30	8.50	DRL	1	DRILL F/ 1,983'-2,506', WOB- 15-20K, RPM- 145 COMBINED, GPM- 556, MW- 8.4, VIS- 27, BG GAS- 100u, CONN GAS- 500u, PUMPING 10 BBL HI VIS SWEEPS EVERY 100' TO CLEAN HOLE
	03:30 - 04:00	0.50	SUR	1	CIRC. & SURVEY AT 2,506', SURVEY DEPTH- 2,446'- 1.6 INC, 331 AZ
	04:00 - 06:00	2.00	DRL	1	DRILL F/ 2,506'-2,553', WOB- 12-18K, RPM- 145 COMBINED, GPM- 556, MW- 8.4, VIS 27, BG GAS- 125u
3/14/2007	06:00 - 11:30	5.50	DRL	1	DRILL F/ 2,553'-2,814', WOB- 15-18K, RPM- 145 COMBINED, GPM- 556, MW- 8.5, VIS- 27, BG GAS- 225u, CONN GAS- 450u, PUMPING 10 BBL HI VIS SWEEPS TO CLEAN HOLE, NO BIT BALLING OR TRONA WATER YET.
	11:30 - 12:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM
	12:30 - 15:00	2.50	DRL	1	DRILL F/ 2,814'-2,938', DRLG WITH SAME PARAMETERS, MW & VIS, BG GAS- 250u, CONN GAS- 350u, NO BIT BALLING OR TRONA WATER
	15:00 - 15:30	0.50	SUR	1	CIRC & SURVEY AT 2,938', SURVEY DEPTH- 2,880', .2 INC, 165 AZ
	15:30 - 18:00	2.50	DRL	1	DRILL F/ 2,938'-3,075', WOB- 15-20K, RPM- 140 COMBINED, GPM- 556, MW- 8.5, VIS- 27, BG GAS- 150u, CONN GAS- 300u, NO BIT BALLING OR TRONA WATER.
3/15/2007	06:00 - 07:30	1.50	DRL	1	DRILL F/ 3,429'-3,458', WOB- 15-18K (ANY ADDITIONAL WOB WOULD RESULT IN BIT STICK SLIPPING) RPM- 140 COMBINED, GPM- 556, MW- 8.5, VIS- 27, BG GAS- 1400u, DOWN TIME GAS- 9680u WITH 15' FLARE
	07:30 - 10:30	3.00	CIRC	1	CIRC. OUT GAS, CHECK FOR FLOW, WELL FLOWING 15 BBLS/HR, DETERMINED IT TO BE A FRESH WATER FLOW, DEPTH- 3,350-3,425
	10:30 - 11:00	0.50	SUR	1	DROP SURVEY
	11:00 - 12:00	1.00	TRP	10	PUMP PILL & TRIP OUT TO BHA
	12:00 - 13:00	1.00	CIRC	1	REPLACE ROT. HEAD RUBBER, CIRC. BOTTOMS UP & SPOT 60 BBL 10# PILL ON BACK SIDE
	13:00 - 15:30	2.50	TRP	10	FINISH TRIPPING OUT, FUNCTION BLIND RAMS, BREAK BIT & LAY DOWN MUD MOTOR
	15:30 - 16:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE
	16:30 - 17:30	1.00	BOP	1	PULL & INSPECT WEAR BUSHING- OK
	17:30 - 20:00	2.50	TRP	10	MAKE UP NEW BIT & MOTOR & TRIP IN TO CSG SHOE AT 745'
	20:00 - 21:00	1.00	RIG	6	CUT 136' OF DRLG LINE (TOO MANY WRAPS ON THE DRUM)
	21:00 - 22:00	1.00	TRP	10	TRIP IN TO 3,400'

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release: 5/5/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/15/2007	22:00 - 23:00	1.00	TRP	10	CENTER STACK, INSTALL ROT. HEAD & CIRC BTMS UP THRU BUSTER- 10' FLARE WITH 900u
	23:00 - 00:00	1.00	TRP	10	TRIP INTO 3,426'
	00:00 - 00:30	0.50	REAM	1	WASH 32' TO BTM- 2' OF FILL
	00:30 - 06:00	5.50	DRL	1	DRILL F/ 3,458'-3,690', WOB- 12-18K, RPM- 175 COMBINED, GPM- 495-556, MW- 8.5, VIS- 27, BG GAS- 250u W/ 2-6' FLARE, CONN GAS- 500u W/ 5' FLARE, TRIP GAS- 1100u W/ 10' FLARE, NO FLOW ON CONNECTIONS
3/16/2007	06:00 - 10:30	4.50	DRL	1	DRILLED 3690' - 4030', WOB 15-18, RPM- 184, GPM- 556, MW- 8.5, VIS- 27, DRILLING THROUGH BUSTER BGG 300-500u 2' - 6' FLARE, CG 800-1000U 8' - 10' FLARE. PUMPING 10 BBL HI VIS SWEEPS EVERY 100' TO CLEAN HOLE, STARTED PICKING UP TRACES OF TRONA WATER AT 3,600'
	10:30 - 11:00	0.50	SUR	1	WIRELINE SURVEY @ 3973' 1.2 DEG. AZ 205.3, CHECK F/ FLOW- NO FLOW
	11:00 - 14:00	3.00	DRL	1	DRILLED 4030' - 4290', WOB 15-18, RPM 184, DRILLING THROUGH BUSTER GAS SAME AS ABOVE.
	14:00 - 15:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION SUPER CHOKE & COM, CHECK FOR FLOW- NO FLOW
	15:00 - 19:30	4.50	DRL	1	DRILLED 4290' - 4687', WOB 15/18, RPM 184, GPM- 556, DRILLING THROUGH BUSTER, GAS SAME AS ABOVE
	19:30 - 21:00	1.50	SUR	1	WIRELINE SURVEY @ 4631' 2.5 DEG. 184.7 AZ. WELL FLOWING 1/2" STREAM OF TRONA ON SURVEY. DTG ON SURVEY 3200u OFF OF BUSTER.
	21:00 - 06:00	9.00	DRL	1	DRILLED 4687' - 5240', WOB- 15K, RPM- 194 COMBINED, GPM- 556, MW- 8.6, VIS- 28, WENT OFF THE BUSTER, BG GAS- 775u, CONN GAS- 1,000u, PUMPING 10 BBL HI VIS SWEEPS EVERY 100' TO CLEAN HOLE, FLOWING 1/2 STREAM OF TRONA WATER ON CONNECTIONS.
3/17/2007	06:00 - 12:00	6.00	DRL	1	DRILLED 5195' - 5321', 127', 2.16 FPH, WOB 20k, RPM 194, MW 8.7 VIS 28 BBG 600u CONN.G 1200u OFF OF BUSTER, NO FLARE. PUMPING 10-30 BBL SWEEPS AS NEEDED. WATER FLOW HAD QUIT WHEN WE STOPPED DRILLING
	12:00 - 12:30	0.50	SUR	1	DROPPED SURVEY @ 5171' STILL NO FLOW.
	12:30 - 15:00	2.50	TRP	10	TRIPPED OUT WITH BIT #2, FUNCTION BLIND RAMS, BREAK BIT. BIT WAS RUNG OUT AT SHOULDER. NO SURVEY (BATTERY PACK CAME APART GOING IN THE HOLE)
	15:00 - 15:30	0.50	RIG	1	SERVICE RIG & TOP DRIVE
	15:30 - 20:00	4.50	TRP	10	TRIP IN WITH BIT #3 REED DSX 210HGUWAZ SN 111129 FILLED PIPE HALF WAY IN.
	20:00 - 20:30	0.50	REAM	1	WASH & REAM 40' TO BOTTOM 5' OF FILL
	20:30 - 22:00	1.50	DRL	1	DRILL 5321' - 5432',WOB 5-15, RPM 153 - 193, GPM- FLOWING 1" STREAM ON FIRST CONNECTION 5-6' FLARE AT BOTTOMS UP TRIP GAS 6119 BG GAS 700u cONN. GAS 3100u.
	22:00 - 23:00	1.00	SUR	1	WIRELINE SURVEY @ 5372' 2 DEG. 184.1 AZ. 1/2" FLOW ON SURVEY
	23:00 - 06:00	7.00	DRL	1	DRILL 5432' - 5690', 258', 36.85 FPH, WOB 8-15, RPM 160 STARTED MUD UP @ 5450' WT 8.7 VIS 32 STILL HAVE A 1/2" FLOW ON CONN. CONN GAS 700u BGG 3100u. PUMPING 10 BBL BIT BALLING SWEEPS AS NEEDED, BIT BALLING STARTED AT 5,610, SEVERE BIT BALLING F/ 5,630'-5,690'
3/18/2007	06:00 - 17:00	11.00	DRL	1	DRILL 5690' - 5988' (298'), 27 FPH, WOB 12-15, RPM 170, MUD WT 8.9 VIS 35. NO FLOW ON CONN. PUMPING 10 BBL BIT BALLING SWEEPS AS NEEDED.
	17:00 - 18:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION HCR & COM
	18:00 - 19:00	1.00	SUR	1	WIRELINE SURVEY @ 5928' 1 DEG, 183.3 AZ.
	19:00 - 06:00	11.00	DRL	1	DRILL 5988' -6345', 357', 45 FPH, WOB 15-20, RPM 180, FLOWING 1/4" STREAM ON CONN. AT 6,297', MW 8.9 VIS 35 STILL SEEING SLIGHT BALLING.
3/19/2007	06:00 - 14:00	8.00	DRL	1	DRILL 6345' - 6671', 326', 40.75 FPH, WOB 12-15 RPM 180, WT 8.9, VIS 35, STARTED LOOSING FLUID @ 6609' AFTER CONNECTION.
	14:00 - 15:00	1.00	SUR	1	WIRELINE SURVEY @ 6611' 1.3 DEG. AZ 182.6 NO FLOW ON SURVEY

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release: 5/5/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/19/2007	15:00 - 01:30	10.50	DRL	1	DRILL 6671' -7041' 370', WOB 15-20, RPM 153 BACKED PUMPS OFF @ 6609' TO 450 GPM FOR LOSSES, PUMPED 260 BBL OF 20% LCM PILL AROUND, LOSSES SLOWED. CALCULATED LOSSES @ 14-15 BBL/HR. LOST 50 BBL @ 6995' PUMPED 60 BBL OF 20% LCM. \LOSSES SLOWED BUT STILL LOOSING 12-14 BPH. TOTAL LOSSES 450 - 470 BBL.
	01:30 - 02:30	1.00	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION ANNULAR
	02:30 - 06:00	3.50	DRL	1	DRILL 7041' - 7120', 79', 22.57 FPH, WOB 15-20 RPM 153. STILL LOOSING 12-14 BPH. MUD WT. 9.0 VIS 35 PUMPING 20% LCM PILLS EVERY 30 MIN.
3/20/2007	06:00 - 15:00	9.00	DRL	1	DRILL 7120' - 7412' 292', 32.44 FPH, WOB 16-20, RPM 153COMBINED, GPM-450, BY PASS SHAKERS @ 09:00, 7240', MW- 9.0, VIS- 36 PUMPING 20 BBL 20% LCM SWEEPS EVERY 30 MIN. STILL SEEPING @ 12-14 BPH.
	15:00 - 15:30	0.50	RIG	2	WORK ON #2 GENERATOR (PLUGGED AIR FILTER)
	15:30 - 20:00	4.50	DRL	1	DRILL 7412' - 7537, 125', 27.22 FPH, WOB 15-20, RPM 150 PUMPING 20 BBL 20% SWEEPS EVERY 30 MIN. HOLE SEEMS TO BE HEALING A LITTLE.
	20:00 - 20:30	0.50	RIG	1	SERVICE RIG & TOP DRIVE
	20:30 - 22:00	1.50	DRL	1	DRILL 7537' - 7565' 25', 18.66, WOB 15-20, RPM 150, TORQUE & DIFFERENTIAL INCREASING DECIDEC TO TRIP F/ BIT.
	22:00 - 23:00	1.00	SUR	1	SPOTTED 70 BBL OF 28% LCM ON BACK SIDE, DROPPED SURVEY @ 7505' PUMP PILL
	23:00 - 04:30	5.50	TRP	10	TOOH W/ BIT #3, HOLE CONDITIONS GOOD ON TRIP OUT,HOLE TOOK 28 BBL OVER CALCULATED VOLUME ON TOOH.
	04:30 - 05:30	1.00	TRP	10	BREAK OFF BIT, LD MUD MOTOR, BREAK DOWN SURVEY TOOL
	05:30 - 06:00	0.50	TRP	10	PU NEW BIT #4, HUNTING .13 MUD MOTOR
3/21/2007	06:00 - 11:30	5.50	DRL	1	TIH, BREAK CIRC. EVERY 20 STANDS, HOLE DISPLACING ON EVERY STAND. LOST 22 BBLS TRIPPING IN. PACKED OFF 10 STANDS OFF BOTTOM, WHILE INSTALLING ROTATING HEAD. PUMPED AWAY 19 BBL AT THIS POINT.
	11:30 - 12:00	0.50	REAM	1	W&R 60' TO BOTTOM, 10' OF FILL
	12:00 - 17:00	5.00	DRL	1	DRILL 7565' - 7721' 156', 31.2 FPH, WOB 16-18, RPM 158 MUD WT. 9.2, VIS 36, RUNNUNG 8 GPM MU WATER, BUILDING VOLUME AS WE GO, STILL SEEPING 2-3 BPH. SHAKERS ARE BYPASSED. MUD CLEANERS ARE RUNNING, RECOVERING LCM & PUTTING IT BACK INTO ACTIVE PITS.
	17:00 - 18:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE, FUNCTION BOTTOM PIPE RAMS
	18:00 - 06:00	12.00	DRL	1	DRILL 7721' - 7891, 170', 14.16 FPH, WOB 15-22, RPM 115 LOSSES ARE MINIMAL MOST OF THE DAY, TOTAL LOSSES FOR THE DAY 100 BBL
3/22/2007	06:00 - 12:00	6.00	DRL	1	DRILL 7891' - 8033', 142', 23.66 FPH, WOB 18-22, RPM 117, 72 DH, 45 ON SURF. MUT WT. 9.3, VIS 38, NO NOTICEABLE LOSSES AT THIS TIME. RUNNING 8 GPM MAKE UP WATER & DUMPING SAND TRAP EVERY 2 HRS.
	12:00 - 13:00	1.00	RIG	1	SERVICE RIG/ TOP DRIVE & TRUN ROTARY HOES
	13:00 - 02:00	13.00	DRL	1	DRILL 8033' - 8286', 253', 19.46 FPH, RPM 117. 72 DOWN HOLE, 45 ON SURF. MUD WT 9.3, VIS 36, LOSSES NILL AT THIS TIME. TORQUE & PR PROMPTED TRIP.
	02:00 - 04:00	2.00	DRL	1	CIRC. BOTTOMS UP, CHECK F/ FLOW, FLOWING 3/4" STREAM, PROBABLY TRONA BUT WILL CIRC BOTTOMS UP 1 MORE TIME TO CHECK F/ GAS 31U AT BU DECIDED TO TOH.
	04:00 - 05:00	1.00	SUR	1	SPOTTED 150 BBL OF 28% LCM ON BACK SIDE, DROPPED SURVEY @ 8226'
	05:00 - 06:00	1.00	TRP	10	PUMP PILL, TOH W/ BIT #4
3/23/2007	06:00 - 11:30	5.50	TRP	10	TOH W/ BIT #4, GOOD TRIP OUT, LOST 39 BBL OVER CALCULATED DISPLACEMENT ON TOH. BIT HAD 2 PRIMARY WAFFERS CHIPPED OFF THE REST OF THE BIT LOOKED GREAT, GAUGE RING WOULD JUST SLIP OVER BIT. RETRIEVE SURVEY TOOL,
	11:30 - 13:30	2.00	TRP	1	BREAK OFF BIT, CLEAN & CLEAR FLOOR AFTER PULLING WET BHA. DRAIN MUD FROM TRIP TANK.
	13:30 - 14:30	1.00	TRP	10	PU NEW BIT, HAD A DSX616M MADE UP, JIM ISENHOUR CALLED, DECIDED

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release: 5/5/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/23/2007	13:30 - 14:30	1.00	TRP	10	TO RUN A DSX613 TIH TO SHOE
	14:30 - 15:30	1.00	RIG	6	SLIP & CUT 65' OF DRLG LINE
	15:30 - 20:30	5.00	TRP	10	TIH, FILL BHA, & PIPE EA. 30 STANDS TO BOTTOM. LOST 36 BBL OF FLUID ON TIH.
	20:30 - 22:30	2.00	REAM	1	W&R 120' TO BOTTOM, SHUT DOWN TO MAKE A CONNECTION, AND PACKED OFF TOOK 2 HRS TO WORK FREE. W&R WAS AS THOUGH THE HOLE HAD SWELLED IN, DIDN'T ACT LIKE IT WAS OT OF GUAGE. PUMPED 7 BBL AWAY WHEN HOLE PACKED OFF.
	22:30 - 06:00	7.50	DRL	1	DRILL 8286' - 8502', 216', 28.8 FPH, WOB 18-20, RPM 117, 72 DOWN HOLE, 45 ON SURFACE. HOLE SEEPING AROUND 4-5 BPH, TOTAL LOSSES LAST 24 HRS. 112 BBL.RUNNUNG 6 BBL HR. MU WATER.
3/24/2007	06:00 - 10:00	4.00	DRL	1	DRILL 8502' - 8711', 209', 52.25 FPH. WOB 18-20, RPM 117, 72 DOWN HOLE, 45 0N SURFACE
	10:00 - 11:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE
	11:00 - 13:00	2.00	RIG	2	REPAIR RIG, TURN KELLY HOSE SO IT DOESN'T RUB DERRICK LEG & TACK WELD UNIONS TO KEEP T FROM TURNING.
	13:00 - 06:00	17.00	DRL	1	DRILL 8711' - 9340', 629', 37 FPH, WOB 18-20, RPM 117, 72 DOWN HOLE, 45 ON SURFACE. HOLE SEEPING 4-5 BPH . RUNNING 8 GPM MU WATER & DUMPING SAND TRAPS AS NEEDED. TOTAL LOSSES TO HOLE TODAY 218 BBL.
3/25/2007	06:00 - 15:00	9.00	DRL	1	DRILL 9340' - 9638', 298', 33.11 FPH, WOB 18-20, RPM 117, 72 DOWN HOLE, 45 ON SURF. WT. 9.5, VIS 47, SEEPAGE SEEMS TO HAVE SLOWED DOWN, RUNNING 16 GPM MU WATER TO TRY TO DROP MW.
	15:00 - 16:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE.
	16:00 - 06:00	14.00	DRL	1	DRILL 9638' - 9890, 252', 18 FPH , WOB 18-24, RPM 132, 72 DOWN HOLE, 60 ON SURFACE. HOLE PACKED OFF ON CONNECTION @ 9699' PULLED 30K OVER TO FREE UP. TRIED TO CHANGE OUT KELLY JT. AND TOOK TO LONG. WILL START CHANGING IT OUT 1 JT OFF BOTTOM INSTED OF ON BOTTOM. STARTED 1 CENTRIFUGE @ 16:30 FOR I CIRC. CONTROL. LOSSES MINIMAL AT THIS TIME, TOTAL LOSSES TODAY 220 BBL.
3/26/2007	06:00 - 11:30	5.50	DRL	1	DRILL9890' - 9945', 55', 10 FPH, WOB 22-25, RPM 132, 72 DOWN HOLE, 60 ON SURFSCE. LOSSES SEEM TO HAVE STOPPED, PUT 1 SHAKER ON LINE TO SHAKE OUT LCM.
	11:30 - 12:30	1.00	CIRC	1	CIRC BOTTOMS UP & CHECK F/ FLOW, NO FLOW.
	12:30 - 13:30	1.00	RIG	1	RS & BREAK OUT KELLY JT.
	13:30 - 14:30	1.00	CIRC	1	CIRC BOTTOMS UP, 5298u AT BOTTTOMS UP, CHECK F/ FLOW, NO FLOW.
	14:30 - 15:30	1.00	SUR	1	DROP SURVEY @ 9885', & PUMP PILL.
	15:30 - 22:00	6.50	TRP	10	TOH W/ BIT #4, PULLED TIGHT ON STAND # 3, 5, 6, & 7 30-40K, ALSO 29, 10 K, 32, 30K. BREAK BIT FUNCTION TOP PIPE RAMS & BLIND RAMS.
	22:00 - 00:00	2.00	RIG	2	BREAK SAVER SUB & SET TORQUE ON TOP DRIVE.
	00:00 - 03:30	3.50	TRP	10	PU NEW BIT & MOTOR, HUNTING .15 & TIH TO 3610', HOLE QUIT DISPLACING.
	03:30 - 04:30	1.00	CIRC	1	INSTALL ROTATING HEAD, FILL PIPE, & CIRC BOTTOMS UP, TOOK 40 BBL TO BREAK CIRC.
	04:30 - 06:00	1.50			TIH 10 STANDS TO 4625', HOLE DISPLACING. FILL PIPE & CIRC 5 MIN.
3/27/2007	06:00 - 09:00	3.00	TRP	10	TIH FILL PIPE & CIRC EA. 10 STANDS TO 10 STANDS OFF BOTTOM. PULL BERRING ASSM. FROM ROTATING HEAD & REPLACE BEFORE GETTING TO BOTTOM. PIPE MOVING ALL THE TIME AND STILL PACKED OFF.
	09:00 - 10:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP & CLEAN HOLE, SEEING PRESSURED SH, TG = 4267u @ BOTTOMS UP. 6-7% INCREASE IN FLOW.
	10:00 - 11:00	1.00	TRP	10	TIH W/ LAST 9 STANDS, LEFT 4 JOINTS TO W&R TO BOTTOM.
	11:00 - 12:30	1.50	REAM	1	W&R 123' TO BOTTOM, TAKING WT & TORQUE ALL THE WAY, DON'T THINK IT WAS ALL FILL BUT HARD TO TELL.
	12:30 - 16:30	4.00	DRL	1	DRILL 9945' - 9994', 49', 12.25 FPH, WOB 16-18k, RPM 120, 70 DH, 50 ON

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release: 5/5/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/27/2007	12:30 - 16:30	4.00	DRL	1	SURFACE, RUNNING 30 GPM MU WATER, BUILDING 12 BPH MUD, SO LOOSING 31 BPH. PUMPING LCM SWEEPS & ADDING LCM TO SYSTEM.
	16:30 - 17:30	1.00	RIG	2	#1 SCR SHUT DOWN, WE HAD A BLACK OUT. TOP DRIVE ALSO SHUT DOWN DUE TO A LOOSE CONNECTION BETWEEN RELAYS.
	17:30 - 22:30	5.00	DRL	1	DRILL 9994' -10026', 32', 6.4 FPH, WOB 18-24, RPM 120, LOSSES THE LAST 3 HRS HAVE BEEN 23 BBL/HR. TOTAL LOSSES TODAY 300 BBL.
	22:30 - 01:00	2.50	CIRC	1	CIRC BOTTOMS UP, SPOT 160 BBL OF 28% LCM, MIX & PUMP PILL
	01:00 - 06:00	5.00	TRP	10	TOH W/ BIT #6, SNUG IN SPOTS COMMING OFF BOTTOM
3/28/2007	06:00 - 08:00	2.00	TRP	10	TOH, LD BIT & MOTOR. LOST 53 BBL MUD ON TOH.
	08:00 - 09:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE
	09:00 - 17:30	8.50	TRP	10	RU TORQUE SENSOR, PU BIT & MOTOR, TIH, FILL PIPE & CIRC EA. 10 STANDS TO 6265', THEN EA. 20 STANDS. NO RECORDABLE LOSSES ON TIH.
	17:30 - 18:00	0.50	DRL	1	W&R 93' TO BOTTOM, 15' OF FILL
	18:00 - 06:00	12.00	DRL	1	DRILL 10026' - 10151', 125', 10.41 FPH. WOB 35K, RPM 150, LOSSES ARE @ 8 BPH, RUNNING 10 GPM MU WATER, LOSSES TO DAY 300 BBL.
3/29/2007	06:00 - 14:00	8.00	DRL	1	DRILL 10151' -10222', 71', 8.87 FPH, WOB 30-35, RPM 145, 105 DOWN HOLE, 40 ON SURFACE. RPM & WOB VARY ACCORDING TO BOUNCE. HOLE SEEPING ABOUT 3-4 BPH.
	14:00 - 14:30	0.50	RIG	1	SERVICE RIG & TOP DRIVE, SYNC. SCR'S.
	14:30 - 06:00	15.50	DRL	1	DRILL 10222' - 10411', 189', 12.9 FPH, WOB 30-35, RPM 145, 105 DOWN HOLE, 40 ON SURF. DRILLING W/ 6-12' FLARE THROUGH BUSTER. MUD WT. 9.5+, VIS 48. HOLE STILL SEEPING ABOUT 18 BPH. RUNNING 10 GPM MU WATER, 7 GPM RESERVE, & 3 GPM FRESH. TOTAL LOSSES TODAY 471 BBL.
3/30/2007	06:00 - 15:00	9.00	DRL	1	DRILL 10411' - 10531', 120', 13.33 FPH, WOB 30-35, RPM 145, 105 DOWN HOLE, 40 ON SURFACE. HOLE SEEPING @ 14 BPH DRILLING W/ 6-10' FLARE, CONNECTION FLARE 12-15'
	15:00 - 15:30	0.50	DRL	1	SERVICE RIG, TOP DRIVE, & CHANGE OUT KELLY JT.
	15:30 - 19:00	3.50	DRL	1	DRILL 10531' - 10570', 39', 11.14 FPH, WOB 30-35, RPM 145, 105 DOWN HOLE, 40 ON SURFACE, HOLE SEEPING 14 BPH, DRILLING W/ 6-10' FLARE, CONNECTION FLARE 12-15'. TOTAL LOSSES TODAY 287 BBL.
	19:00 - 22:30	3.50	CIRC	1	CIRC BOTTOMS UP, CHECK F/ FLOW, SPOT 175 BBL OF 28% LCM @ 6610', PUMP PILL.
	22:30 - 23:00	0.50	SUR	1	DROP SURVEY @ 10510'
	23:00 - 06:00	7.00	TRP	10	STARTED OUT OF THE HOLE, PULLED FIRST STAND, THEN HSD TO PUMP OUT 1, PULLED 9, PULLED ROTATING HEAD RUBBER AND HAVE HAD TO PUMP OUT FROM THERE TO 9000', PULLING GOOD SINCE THEN.
3/31/2007	06:00 - 10:00	4.00	TRP	10	TOH W/ BIT #7MINIMAL DRAG THE REST OF THE WAY OUT. FROM 9000'. BHA WET LOST 192 BBL ON TOH.
	10:00 - 12:00	2.00	TRP	10	CHANGE BIT, CLEAN FLOOR & TIH TO SHOE.
	12:00 - 13:00	1.00	RIG	6	SLIP & CUT 96' OF DRILLING LINE
	13:00 - 13:30	0.50	RIG	1	SERVICE RIG & TOP DRIVE
	13:30 - 16:30	3.00	RIG	2	CLUTCH ON TRANSMISSION BRAKE BURNT UP
	16:30 - 01:30	9.00	TRP	10	TIH, FILL PIPE & CIRC 5 MIN. @ BHA, THEN EA. 20 STANDS. W&R 5997' - 6019', 6762' - 6793' 6854' - 6886'
	01:30 - 02:30	1.00	REAM	1	W&R 9112' - 9947', MAY NOT HAVE TO REAM ALL OF THIS BUT FIGURED IT WOULD BEAT THE ALTERNATIVE. STARTED TAKING FLOW @ 9947'.
	02:30 - 06:00	3.50	WCL	1	SHUT IN WELL & CIRC OUT GAS ON CHOKE. TOOK 15 BBL GAIN. NO RECORDSBLE SHUT IN PRESSURES. LOST 330 BBL MUD IN THE LAST 2 HRS.
4/1/2007	06:00 - 13:00	7.00	CIRC	1	CIRC THROUGH THE CHOKE & BUILD VOLUME. LOST 230 BBL IN 1 HR.
	13:00 - 16:30	3.50	REAM	1	W&R, 9947' - 10570' A FEW TIGHT SPOTS, 15' OF FILL.
	16:30 - 00:00	7.50	DRL	1	DRILL 10570' - 10655', 85', 11.33 FPH, STARTED LOOSING MORE FLUID THAN WE COULD KEEP UP WITH, PU OFF BOTTOM, CIRC @ 275 GPM. MW 9.5, VIS 44, LCM @ 8% DRILLING W/ 6-8' FLARE

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release: 5/5/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/1/2007	00:00 - 02:30	2.50	CIRC	2	CIRC & BUILD VOLUME. MW 9.5, VIS 37-38, RAISE LCM TO 12%.
	02:30 - 06:00	3.50	DRL	1	DRILL 10655' - 10722',67', 19.14 FPH, WOB 30-35, RPM 145, MW 9.5, VIS 45, LOSSES SEEM TO HAVE SLOWED SINCE 02:30, TOTAL LOSSES FOR THE DAY 767 BBL. BROUGHT IN 240 BBL OF MUD FROM TRUE 26. RUNNUNG 12% LCM IN THE SYSTEM AT THIS TIME. UNIT HAD A RIG TAG THE CROWN FOR A NEAR MIS LAST WEEK. TRYING TO LEAVE THE REAMERS IN A STAND, MOVED THE CROWN-O-MATIC AND TAGGED IT. SO WE WILL START LD REAMERS ON TRIPS IF WE NEED TO.
4/2/2007	06:00 - 15:00	9.00	DRL	1	DRILL 10722' - 10841', 119', 13.22 FPH, WOB 30-35K, RPM 145, 105 DOWN HOLE, 40 ON SURFACE. MW 9.5, VIS 40, TAKING LCM TO 12% TO RAISE MW TO 9.6-9.7.
	15:00 - 15:30	0.50	RIG	1	SERVICE RIG & TOP DRIVE. BOP DRILL 34 SEC.
	15:30 - 19:00	3.50	DRL	1	DRILL 10841' - 10903' 62', 17.71 FPH, WOB 30-35, RPM 145, TD @ 18:50.
	19:00 - 00:30	5.50	CIRC	1	C & C F/ LOGS, RAISING MW TO 9.6 PPG.
	00:30 - 01:00	0.50	SUR	1	DROP SURVEY @ 10843', WELL FLOWING 6.5 BPH
	01:00 - 03:30	2.50	CIRC	1	C&C, RAISE MW TO 9.7 PPG, NO FLOW, PUMP PILL
	03:30 - 06:00	2.50	TRP	2	TOH TO PU LOGGING TOOLS. MW 9.7, VIS 42, LCM 14% HOLE SEEPING @ 9.7 PPG. HAD 2 STANDS THAT PULLED 50K OVER BUT NORMAL SINCE THEN.
4/3/2007	06:00 - 11:30	5.50	TRP	2	TOH F/ LOGS, LD IBS'S, MONEL,& MUD MOTOR W/ SLM, SLM = 4.3' LONG. LOST 360 BBL OF MUD ON TOH. FUNCTION BLINDS, & BOTH SETS OF PIPE RAMS.
	11:30 - 12:00	0.50	RIG	1	SERVICE RIG & TOP DRIVE
	12:00 - 13:00	1.00	LOG	1	PU SCHLUMBERGER'S SUBS & MCR TOOL
	13:00 - 06:00	17.00	LOG	1	TIH @ 1100-1400 FPH LOGGING. W&R FROM 10023' NO MAJOR PROBLEMS TO THIS POINT. MW 9.7, VIS 40, LCM 12% HOLE STILL SEEPING. TOTAL LOSSES TODAY 360 BBL. ON CHOKE @ 06:05
4/4/2007	06:00 - 14:30	8.50	LOG	1	WHILE LOGGING IN W/ SCHLUMBERGER'S MCR TOOL, BOTTOMS UP GAS SURFACED, PUMPED SUCTION TANK DRY TRYING TO OUT RUN IT, HAD TO PUT WELL ON CHOKE LOST MOST OF OUR VOLUME. CIRC & BUILD VOLUME, PUMPED 160 BBL OF 20% LCM PILL TOTAL LOSSES 250 BBL.
	14:30 - 16:00	1.50	LOG	1	FINISH LOGGING IN W/ MCR TOOL TO 10903', LOGGERS TD IS 200+ FT. SHALLOW
	16:00 - 20:00	4.00	CIRC	1	CIRC BOTTOMS UP & COND MUD TO 9.6+ WT & 40 VIS, LCM 12-14%, ,IXING PREMIX TO 220% LCM TO SPOT ON TOH, FIRST TANK FLOODED HAD TO START OVER.
	20:00 - 06:00	10.00	LOG	1	LOG OUT OF THE HOLE W/ MCR TOOL, STAND # 3 & 4 PULLED 50K OVER TO WORK TRHOUGH, ABOUT 10' ON STAND #3 & 4' ON STAND #4. PULLED FIRST 5 STANDS WET, PUMP PILL, PULLED ROTATING HEAD ON STAND # 11. LOGGING DEPTH @ 06:00 3690'.
4/5/2007	06:00 - 10:00	4.00	LOG	1	LOGGING OUT W/ SCHLUMBERGERS MCR TOOL @ 1100 FPH, AVERAGING 9 STANDS / HR.
	10:00 - 12:00	2.00	LOG	1	LAY DOWN LOGGING TOOLS
	12:00 - 18:00	6.00	TRP	2	FUNCTION BLIND RAMS, MAKE UP BIT, BIT SUB & TRIP IN SLOWLY, BREAK CIRCULATION AT BHA, THEN EVERY 2000', CIRCULATED BOTTOMS UP AT 4,600'
	18:00 - 20:30	2.50	CIRC	1	CIRCULATE BOTTOMS UP AT 10,010', GAINED 40 BBLS WITH A 35-40' FLARE
	20:30 - 22:00	1.50	TRP	2	TRIP IN 6 STDS & WASH THE LAST 380' TO BOTTOM WITH 8' OF FILL
	22:00 - 02:00	4.00	CIRC	1	CIRCULATE TWO BOTTOMS UP & CONDITION MUD, HOLD SAFETY MEETING & RIG UP LAY DOWN MACHINE
	02:00 - 06:00	4.00	TRP	3	CHECK FOR FLOW (OK), PUMP PILL & LAY DOWN DRILL PIPE
4/6/2007	06:00 - 12:30	6.50	TRP	3	LAY DOWN DRILL PIPE & BHA
	12:30 - 13:30	1.00	BOP	1	PULL WEAR BUSHING
	13:30 - 16:00	2.50	CSG	1	HOLD SAFETY METTING & RIG UP CSG CREW

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Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release: 5/5/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/6/2007	16:00 - 18:00	2.00	CSG	2	RUN 7" CSG, BREAK CIRCULATION EVERY 30 JTS
	18:00 - 22:30	4.50	CSG	2	RUN 7" CSG, BREAK CIRCULATION EVERY 15 JTS, CIRCULATE BOTTOMS UP AT 3,700'
	22:30 - 01:00	2.50	CIRC	2	LOST PARTIAL RETURNS AT 5,440', MIX & PUMP 100 BBL PILL WITH 20% LCM, SPOT FROM 5,440'-4,170'
	01:00 - 06:00	5.00	CSG	2	RUN 7" CSG, BREAK CIRCULATION EVERY 15 JTS, REGAINED FULL RETURNS
4/7/2007	06:00 - 07:00	1.00	REAM	1	WASH 10' TO BOTTOM & LAND CSG AT 10,886'
	07:00 - 10:30	3.50	CIRC	1	CIRCULATE OUT GAS, CONDITION MUD & SHAKE OUT LCM, GAINED 30 BBLS WITH 40' FLARE ON BOTTOMS UP, RIGGED DOWN CSG CREW & STARTED RIGGING UP HALLIBURTON
	10:30 - 13:30	3.00	DEQ	4	RIG DOWN FILL TOOL, PULL LANDING JT, PACK OFF SUPPORT BUSHING & PRESSURE TEST, INSTALL CEMENT ISOLATION TOOL
	13:30 - 15:00	1.50	CMT	1	HOLD SAFETY MEETING & FINISH RIGGING UP HALLIBURTON
	15:00 - 16:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP THRU 2" VALVES ON "A" SECTION & THRU CHOKE MANIFOLD
	16:00 - 20:00	4.00	CMT	2	PRESSURE TEST CEMENT LINES TO 5,000#, FUEL LINE BROKE FOR BURNER ON NITROGEN TRUCK, CIRC THRU "A" SECTION & WAIT ON PARTS.
	20:00 - 23:30	3.50	CMT	2	CEMENT CSG WITH 630 SKS, 8.5 PPG LEAD, 523 SKS 11PPG LEAD 2, 83 SKS 14.3 PPG TAIL & 75 SKS 14.3 PPG CAP CEMENT, HAD GOOD RETURNS THRU OUT JOB BUT DID NOT GET CEMENT BACK TO SURFACE. PLUG BUMPED & FLOATS HELD.
	23:30 - 01:00	1.50	CMT	1	RIG DOWN HALLIBURTON
	01:00 - 06:00	5.00	LOC	7	CLEAN MUD TANKS & INSTALL T BLOCK FOR 3RD CHOKE IN CHOKE MANIFOLD
4/8/2007	06:00 - 08:00	2.00	LOC	7	FINISH CLEANING MUD TANKS
	08:00 - 18:00	10.00	BOP	1	CHANGE PIPE RAM PACKERS ON BOP, INSTALL 3" HYDRAULIC CHOKE, BUILD CHOKE LINES FOR 3RD CHOKE, UNLOAD 4" DRILL STRING
	18:00 - 21:00	3.00	RIG	2	WORK ON TOP DRIVE (NO POWER TO MAIN BREAKER BOX)
	21:00 - 06:00	9.00	BOP	2	PRESSURE TEST BOP, 10,000# HI, 250# LOW, ANNULAR 6,500#, CSG 1500# (FILLED MUD TANKS, CIRCULATED PITS & BUILT VOLUME)
4/9/2007	06:00 - 06:30	0.50	BOP	2	PERFORM ACCUMALATOR FUNCTION TEST
	06:30 - 07:30	1.00	BOP	2	INSTALL WEAR BUSHING
	07:30 - 08:30	1.00	TRP	1	HOLD SAFETY MEETING & RIG UP PICK UP MACHINE
	08:30 - 21:30	13.00	TRP	1	PICK UP 4" DRILL STRING
	21:30 - 22:00	0.50	TRP	1	RIG DOWN PICK UP MACHINE
	22:00 - 23:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE
	23:00 - 01:30	2.50	DRL	4	DRILL SHOE TRACK & 10' OF NEW HOLE (TAGGED CEMENT AT 10,800')
	01:30 - 02:00	0.50	EQT	2	FIT TO 12 PPG EQUIVILENT @ 10,910'
	02:00 - 06:00	4.00	DRL	1	DRILL F/ 10,910'-10,945', WOB- 10-15K, RPM- 60-70, GPM- 284, TORQUE- 1200-2900 PSI, SUSPECT PART OF PLUG IS DRAGGING AROUND BHA
4/10/2007	06:00 - 08:30	2.50	DRL	1	DRILL F/ 10,945'-10,951, WOB- 10-18K, RPM- 60-65, GPM- 284, TORQUE- 1,200-1800 PSI, STILL ACTING LIKE THERE IS PART OF THE PLUG AROUND THE BHA. BG GAS- 100u, NO LOSSES.
	08:30 - 09:30	1.00	CIRC	1	FILL TRIP TANK & MIX & PUMP PILL
	09:30 - 14:30	5.00	TRP	10	TRIP OUT F/ BIT #9, FUNCTION BLIND RAMS, BREAK BIT & LAY DOWN TRI-COLLAR (HOLE FILL 9 BBLS OVER CALCULATED)
	14:30 - 21:00	6.50	TRP	10	PICK UP 1.9 NATIONAL MOTOR, MAKE UP IMPREG & TRIP IN, BREAK CIRCULATION AFTER BHA THEN EVERY 3,000', NO LOSSES TRIPPING IN
	21:00 - 22:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, INSTALL ROT. HEAD & BREAK CIRCULATION
	22:00 - 23:00	1.00	RIG	6	CUT DRLG LINE
	23:00 - 00:00	1.00	REAM	1	TRIP IN 2 STDS & WASH LAST 60' TO BOTTOM, WHILE FANNING BOTTOM MOTOR STALLED TWICE

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release: 5/5/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/10/2007	00:00 - 06:00	6.00	DRL	1	DRILL F/ 10,951'-11,000', WOB- 8-12K, RPM- 580 COMBINED, GPM- 284, BG GAS- 60u, TRIP GAS- 2,100u, CONN GAS- 900u, NO LOSSES WHILE DRLG.
4/11/2007	06:00 - 07:30	1.50	DRL	1	DRILL F/ 11,000'-11,004', WOB- 12K, DIFF. PRESSURE- 250-300 PSI, RPM- 580 COMBINED, GPM- 284, MW- 9.6, VIS- 41, BG GAS- 70u, NO LOSSES
	07:30 - 08:30	1.00	FISH	3	JAR STUCK PIPE LOOSE (STUCK AT THE BIT) GOT STUCK WHILE DRLG FRACTURED FORMATIOIN.
	08:30 - 16:30	8.00	DRL	1	DRILL F/ 11,004'-11,056', WOB- 12-14K, DIFF. PRESSURE- 200-300 PSI, RPM- 580 COMBINED, GPM- 284, MW- 9.8, VIS- 42, BG GAS- 250u, CONN GAS- 1500u, NO LOSSES
	16:30 - 20:30	4.00	FISH	3	JAR STUCK PIPE LOOSE (GOT STUCK AT THE BIT AGAIN DRLG FRACTURED FORMATION)
	20:30 - 21:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS & COM
	21:30 - 00:00	2.50	CIRC	1	CIRCULATE & RAISE MW TO 10.1
	00:00 - 06:00	6.00	DRL	1	DRILL F/ 11,056'-11,095', WOB- 8-14K, DIFF. PRESSURE- 150-300 PSI, RPM- 580 COMBINED, GPM- 284, MW- 10.1, VIS- 44, BG GAS- 400u, CONN GAS- 1545, VENTING THRU GAS BUSTER, HOLE SEEPING 5-6 BBLS/HR
4/12/2007	06:00 - 17:00	11.00	DRL	1	DRILL F/ 11,095'-11,240', WOB- 8-14K, DIFF. PRESSURE- 200-300 PSI, RPM- 540 COMBINED, GPM- 262, MW- 10.1, VIS- 44, BG GAS- 300u, CONN GAS- 2750u, SEEPING 2-3 BBLS/HR
	17:00 - 18:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION COM & TOP PIPE RAMS
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 11,240'-11,344', WOB- 8-14K, DIFF PRESS.- 200-300 PSI, RPM- 580 COMBINED, GPM- 284, MW- 10.1, VIS- 44, BG GAS- 250u, CONN GAS- 2,050u, SEEPING 2 BBLS/HR. (TOP OF BLACKHAWK- 11,310')
4/13/2007	06:00 - 10:00	4.00	DRL	1	DRILL F/ 11,344'-11,378', WOB- 8-14K, DIFF. PRESS.- 250-300 PSI, RPM- 580 COMBINED, GPM- 284, MW- 10.1, VIS- 42, BG GAS- 150u, CONN GAS- 1750u, SEEPING 2-3 BBLS/HR
	10:00 - 11:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM
	11:00 - 18:00	7.00	DRL	1	DRILL F/ 11,378'-11,480', DRLG WITH SAME PARAMETERS, MW & VIS, SEEPING 2-3 BBLS/HR (TOP OF BLACKHAWK SANDSTONE @ 11,420')
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 11,480'-11,604', WOB- 8-14K, DIFF. PRESS.- 250-400 PSI, RPM- 580 COMBINED, GPM- 284, MW- 10.1, VIS- 42, BG GAS- 180u, CONN GAS- 1440u, SEEPING 5-6 BBLS/HR, PUMPED TWO 75 BBL PILLS WITH 20% LCM & MIXING ONE SACK EACH OF PHENOSEAL, MICA & WALNUT PER HR FOR LOSSES.
4/14/2007	06:00 - 11:30	5.50	DRL	1	DRILL F/ 11,604'-11,664', WOB- 8-14K, DIFF. PRESS.- 300-400 PSI (STALLED ONCE), RPM- 550 COMBINED, GPM- 250, MW- 10+, VIS- 42, BG GAS- 150u, CONN GAS- 1625u, HOLE SEEPING 5-6 BBLS/HR
	11:30 - 12:30	1.00	CIRC	1	CIRCULATE, MIX PILL & FILL TRIP TANK
	12:30 - 13:00	0.50	SUR	1	DROP SURVEY
	13:00 - 15:30	2.50	TRP	10	PUMP PILL & TRIP OUT F/ BIT #10, FUNCTION COM
	15:30 - 16:30	1.00	RIG	2	SCR'S TRIPPED OUT, TROUBLE SHOOT & RESTART SCR'S (ELECTRICIAN ON THE WAY OUT TO CHECK SCR'S)
	16:30 - 21:00	4.50	TRP	10	TRIP OUT, CHANGED OUT JARS
	21:00 - 22:00	1.00	TRP	1	FUNCTION BLIND RAMS, BREAK BIT & CHANGE OUT MUD MOTORS
	22:00 - 23:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE
	23:00 - 06:00	7.00	TRP	10	MAKE UP BIT, CHANGE SAVER SUB & TRIP IN SLOWLY, BREAK CIRCULATION AFTER DC'S THEN EVERY 3000'
4/15/2007	06:00 - 07:00	1.00	CIRC	1	INSTALL ROT. HEAD RUBBER & BREAK CIRCULATION
	07:00 - 07:30	0.50	TRP	10	TRIP IN 9 STDS TO 11,570'
	07:30 - 08:30	1.00	RIG	2	TRIP 9 STDS BACK OUT TO CSG SHOE (COUPLER SHEARED BETWEEN MOTOR & PUMP ON TOP DRIVE UNIT)
	08:30 - 19:00	10.50	RIG	2	CIRCULATE OVER THE TOP OF HOLE USING TRIP TANK TO MONITOR WELL, WAIT ON MECHANIC & PARTS FOR TOP DRIVE UNIT & MAKE REPAIRS.
	19:00 - 20:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR

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Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release: 5/5/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/15/2007	20:00 - 21:00	1.00	TRP	10	TRIP IN
	21:00 - 21:30	0.50	REAM	1	WASH 60' TO BOTTOM, NO FILL
	21:30 - 06:00	8.50	DRL	1	DRILL F/ 11,664'-11,975', WOB- 8-12K, DIFF. PRESS- 200-250 PSI, RPM- 116 COMBINED, TORQ- 1100-1200 PSI, GPM- 262, MW- 10.15, VIS- 44, BG GAS- 210u, CONN GAS- 500u, TRIP GAS- 6400u WITH 8-10' FLARE, SEEPING 4-5 BBLS/HR
4/16/2007	06:00 - 07:00	1.00	RIG	4	CHANGE OUT SAVER SUBS
	07:00 - 12:00	5.00	DRL	1	DRILL F/ 11,975'-12,249', WOB- 8-12K, DIFF. PRESS.- 200-250 PSI, RPM- 116 COMBINED, TORQUE- 1150-1250 PSI, GPM- 262, MW- 10.15, VIS- 42, BG GAS-200u, CONN GAS- 3980u, SEEPING- 2 BBLS/HR
	12:00 - 13:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION HCR & COM
	13:00 - 18:00	5.00	DRL	1	DRILL F/ 12,249'-12,411', DRLG WITH SAME PARAMETERS, RAISED MW TO 10.4 FOR HOLE STABILITY, VIS- 42, BG GAS- 320u, CONN GAS- 2400u, SEEPING 2 BBLS/HR
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 12,411'-12,725', WOB- 8-12K, DIFF. PRESS.- 200-300 PSI, RPM- 116 COMBINED, TORQUE- 1200-1300 PSI, GPM- 262, MW- 10.4, VIS- 44, BG GAS- 110u, CONN GAS- 2740u, 3' CONN FLARE, SEEPING 2 BBLS/HR
4/17/2007	06:00 - 14:30	8.50	DRL	1	DRILL F/ 12,775'-13,058', WOB- 8-14K, DIFF. PRESS- 250-350 PSI, RPM- 116 COMBINED, TORQ.- 1200-1450(TORQUED UP & PRESSURED UP TO 500-600 PSI SEVRAL TIMES DRLG SHALES, RAISED MW TO 10.6 TO STABALIZE HOLE, BG GAS- 750-1400u THRU BUSTER, DRLG WITH 3-8' FLARE, SEEPING 2 BBLS/HR
	14:30 - 15:30	1.00	RIG	1	SCR'S WENT DOWN, LUBRICATE RIG & TOP DRIVE WHILE TROUBLE SHOOTING SCR'S (FOUND BAD FUSE IN DRILLER'S PANEL
	15:30 - 16:30	1.00	DRL	1	ATTEMPT TO DRILL, COULD NOT GET ANY DIFFERENTIAL PRESSURE (MOTOR FAILURE)
	16:30 - 18:30	2.00	CIRC	1	CIRCULATE, MIX PILL & FILL TRIP TANK
	18:30 - 19:30	1.00	CIRC	1	SPOT 40 BBL 12# PILL 13,058'-12,200' & CHECK FOR FLOW
	19:30 - 20:00	0.50	SUR	1	DROP SURVEY
	20:00 - 22:00	2.00	TRP	12	TRIP OUT 23 STDS, CHECK FOR FLOW & PULL ROT. HEAD
	22:00 - 03:00	5.00	TRP	12	PUMP PILL & TRIP OUT FOR MOTOR FAILURE (HOLE FILL 32 BBLS OVER CALCULATED)
	03:00 - 04:30	1.50	TRP	1	FUNCTION BLIND RAMS, BREAK BIT, CHANGE OUT MUD MOTORS & RETRIEVE SURVEY TOOL
	04:30 - 06:00	1.50	TRP	12	MAKE UP NEW BIT & TRIP IN, BREAK CIRCULATION AFTER BHA THEN EVERY 3000'
4/18/2007	06:00 - 14:00	8.00	TRP	12	TRIP IN SLOWLY BREAKING CIRCULATION EVERY 3,000 & THEN EVERY 500' THE LAST 1500' (LOST 15 BBLS)
	14:00 - 15:00	1.00	REAM	1	WASH 120' TO BOTTOM, WORK THRU TIGHT SPOT AT 12,935'-12,940'
	15:00 - 17:00	2.00	DRL	1	DRILL F/ 13,058'-13,093', WOB- 10-14K, DIFF. PRESS.- 150-250 PSI, RPM- 115-120, TORQ.- 1,100-1,200 PSI, GPM- 257-278, MW- 10.7, VIS- 40, BG GAS- 200u THRU BUSTER WITH 3-6' FLARE, TRIP GAS- 2,000u WITH 10-20' FLARE, CONN GAS- 6,200u WITH 8-15' FLARE
	17:00 - 18:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION LOWER PIPE RAMS & COM
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 13,093'-13,430', WOB- 8-14K, DIFF. PRESS.- 200-300 PSI, RPM- 122 COMBINED, TORQ.- 1200-1350 PSI, GPM- 278, MW- 10.65, VIS- 42, BG GAS- 1100u THRU BUSTER, 1800 OFF BUSTER, CONN GAS- 2750u THRU BUSTER, NO FLARES, SEEPING 2 BBLS/HR
4/19/2007	06:00 - 11:00	5.00	DRL	1	DRILL FROM 13460 TO 13679 - PREPAIRING PREMIX WITH 12.6 MUD WT FOR POSSIBLE TRIP TO SHOE TO REPAIR SCR
	11:00 - 12:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	12:00 - 13:00	1.00	RIG	2	ELECTRICIAN DOING RIG REPAIR ON SCR SYSTEM - RELAY BLOCK LOOSE, WIRE COLLECTION PAD BLOCK IN DRILLERS PANEL HAD TWO BAD PINS

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Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release: 5/5/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/19/2007	13:00 - 18:00	5.00	DRL	1	DRILL FROM 13679 TO 13872
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 13872 TO 14250 - SCR STILL RUNNING GREAT - MUD WT = 10.8 - ON BUSTER = 2000 UNITS WITH 5' FLARE - OFF BUSTER = 5675 UNITS WITH NO FLARE - WILL MONITOR NEXT COUPLE CONNECTION AND SAMPLES FOR MUD WT
4/20/2007	06:00 - 13:00	7.00	DRL	1	DRILL FROM 14250 TO 14457 - MUD WT. = 10.85 AND CONNECTIONS ARE GOOD
	13:00 - 14:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	14:00 - 18:00	4.00	DRL	1	DRILL FROM 14457 TO 14608 - SPR FOR 30-40-50= 960-1420-2040
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 14608 TO 14938 - HOLE DOING GREAT ON OVER PULL AND TORQUE, WILL RAISE MUD WT. TO 11.0 FOR EXTRA GAS - CONNECTION GAS AT 9200 BUT HAS A SHORTER SPAN, LOOKS LIKE UPPER GAS TRYING TO BLEED DOWN- FRONTIER CAME IN AT 14837 - PR HAS DECREASED TO 20' IN UPPER FRONTIER
4/21/2007	06:00 - 13:00	7.00	DRL	1	DRILL FROM 14938 TO 15196
	13:00 - 14:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	14:00 - 15:30	1.50	RIG	2	RIG DOWN TIME DUE TO BAD FUSES IN SCR - ALARM ON FLOOR FOR DRAWWORKS OIL PRESSURE WAS DICONNECTED
	15:30 - 18:00	2.50	DRL	1	DRILL FROM 15196 TO 15293 - ON BUSTER WITH 15' FLARE - PICKING UP CONDENSATE
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 15293 TO 15561 - STILL HAVE CONDENSATE IN MUD - DOING GAS UNIT CHECKS ON AND OFF BUSTER - A LOT OF FOAM COMING BACK - VIS HAS RAISED TO AS HIGH OF 62 - ADDING DRILL THIN - WHEN OFF OF BUSTER WE ONLY HAVE 6 TO 8 FOOT FLARE 50% OF THE TIME - 50% NO FLARE - WHEN ON BUSTER FLARE IS NOT STEADY - PULSES BACK AND FORTH FROM 4 TO 8 FOOT
4/22/2007	06:00 - 12:30	6.50	DRL	1	DRILL FROM 15561 TO 15649 - RAISING MUD WT. TO 11.4
	12:30 - 13:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	13:30 - 18:00	4.50	DRL	1	DRILL FROM 15649 TO 15728 - RAISING MUD WT. TO COMBAT HIGH BACKGROUND GAS - MUD VERY FOAMED UP - NOT BREAKING OUT EVEN ON BUSTER - PRSENT MUD WT. NOW 11.6
	18:00 - 19:00	1.00	DRL	1	DRILL FROM 15728 TO 15740
	19:00 - 02:00	7.00	CIRC	1	MOTOR SPIKED - BLEW POP-OFF - GOT 40' OFF BOTTOM AND TRIED TO REGAIN CIRCULATION - FINALLY GOT TO CIRCULATE - PREPAIR FOR TRIP OUT - FILL TRIP TANK - BUILD 2# OVER PILL AND WT. ACTIVE MUD SYSTEM UP FOR HIGH BACKGROUND GAS BEFORE TRIPPING OUT
	02:00 - 03:00	1.00	CIRC	1	SPOT 68 BBLS OF 2# OVER ON BACKSIDE
	03:00 - 04:00	1.00	TRP	12	TRIP 30 STANDS OUT SLOWLY - HOLE FILL WAS 3.2 BBLS OVER - HOLE SMOOTH
	04:00 - 05:00	1.00	CIRC	1	SPOT 67 BBLS 2# OVER ON BACKSIDE
	05:00 - 06:00	1.00	TRP	12	TRIP ANOTHER 30 STANDS OUT - HOLE STILL SMOOTH
4/23/2007	06:00 - 07:00	1.00	CIRC	1	FINISH CIRCULATING BOTTOMS UP FROM SHOE
	07:00 - 07:30	0.50	CIRC	1	PUMP TRIP SLUG
	07:30 - 12:30	5.00	TRP	12	FINISH TRIP OUT OF HOLE - TRIP SHEET = 16 BBLS EXTRA
	12:30 - 13:30	1.00	TRP	1	HANDLE BHA - LD MM AND BIT - PICK UP SAME - BIT HAD 2 JETS PLUGGED WITH STATOR RUBBER - MOTOR HAD EXCESS BEARING MOVEMENT
	13:30 - 14:30	1.00	TRP	2	TRIP BHA INTO HOLE AND FILL PIPE AND CIRCULATE FOR 5 MIN.
	14:30 - 15:00	0.50	BOP	1	INSTALL RT HEAD RUBBER
	15:00 - 18:00	3.00	TRP	2	TRIP IN TO HOLE SLOWLY - FILLING EVERY 3 ROWS
	18:00 - 19:30	1.50	TRP	2	TRIP TO SHOE FILLING EVERY 3 ROWS
	19:30 - 20:00	0.50	BOP	1	INSTALL NEW RT. HEAD
	20:00 - 21:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP AT SHOE - 25' FLARE
	21:00 - 22:00	1.00	TRP	2	TRIP IN HOLE TO 13500

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release: 5/5/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/23/2007	22:00 - 23:00	1.00	CIRC	1	CIRCULATE HEAVY MUD TO 6000'
	23:00 - 00:00	1.00	TRP	2	TRIP IN TO HOLE TO 15500 WHERE WE HIT SMALL TIGHT SPOT
	00:00 - 01:30	1.50	REAM	1	SAFETY WASH AND REAM FROM 15500' TO 15740 - 1 SMALL TIGHT SPOT AT 15500'
	01:30 - 02:00	0.50	CIRC	1	FINISH CIRCULATING OUT GAS - 45' FLARE WITH 38 BBL GAIN
	02:00 - 06:00	4.00	DRL	1	DRILL FROM 15740 TO 15790 - WT. UP TO 12.1 - PRESENTLY WE ARE AT 11.95 WITH A 6' DRILLING FLARE VENTING ON BUSTER
4/24/2007	06:00 - 14:00	8.00	DRL	1	DRILL FROM 15790 TO 15817 - BIT SLOWED AND COULD NOT GET TO PICK BACK UP
	14:00 - 15:00	1.00	REAM	1	REAM TIGHT SPOT AT 15803 TO 15806
	15:00 - 17:00	2.00	CIRC	1	CIRCULATE BOTTOMS UP FOR TRIP OUT
	17:00 - 18:00	1.00	CIRC	1	SPOT 1.5# OVER PILL ON BOTTOM - WILL COVER 2050'
	18:00 - 19:00	1.00	TRP	10	TRIP TO 13030' = 30 STANDS
	19:00 - 19:30	0.50	CIRC	1	SPOT 2# OVER SLUG ON BACKSIDE TO FINISH COVERING OPEN HOLE
	19:30 - 21:00	1.50	TRP	10	TRIP TO 10112' TO GET ON TOP OF HEAVY SLUG
	21:00 - 22:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP
	22:00 - 01:00	3.00	TRP	10	FINISH TRIP OUT
	01:00 - 02:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE - FUNCTION ALL BOP EQUIPMENT AS PER BLM REQUIREMENTS
	02:00 - 04:30	2.50	TRP	1	HANDLE BHA - LD MM - LD BIT AND JARS - PICK UP SAME
	04:30 - 06:00	1.50	TRP	2	TRIP BHA IN TO HOLE AND FILL AND CIRCULATE - WILL FILL EVERY 3 ROWS - CIRCULATE BOTTOMS UP AT 5000' TO GET RID OF TRIP SLUG
4/25/2007	06:00 - 11:00	5.00	TRP	2	TRIP IN TO HOLE AND FILL EVERY 3 ROWS - CIRCULATE BOTTOMS UP AT 5000'
	11:00 - 12:00	1.00	RIG	6	CUT DRILL LINE
	12:00 - 13:00	1.00	CIRC	1	CIRCULATE BOTTOMS FROM SHOE
	13:00 - 16:00	3.00	TRP	2	TRIP TO BOTTOM SLOWLY - PICKED UP BIT WT. COMING OUT OF SHOE
	16:00 - 18:00	2.00	CIRC	1	CIRCULATE BOTTOMS UP - 31 BBL GAIN AND NO LOSSES - 40' FLARE ON BUSTER
	18:00 - 18:30	0.50	RIG	2	RIG REPAIR - REPLACE SAVER SUB
	18:30 - 19:30	1.00	REAM	1	WASH AND REAM FROM 15780 TO 15817
	19:30 - 06:00	10.50	DRL	1	DRILL FROM 15817 TO 15906 - MUD WT. AT 12.5 WITH A 4-6' DRILLING FLARE - VENTED BUSTER - WILL HAVE TO RAISE WT. IF WE DRILL ANY MORE SANDS
4/26/2007	06:00 - 17:30	11.50	DRL	1	DRILL F/ 15,906'-15,977', WOB- 10-12K, DIFF. PRESS.- 200-250 PSI, RPM- 575 COMBINED, GPM- 278, RAISING MW FROM 12.5 TO 12.8, MW- 12.7, VIS-46, BG GAS- 1400u THRU BUSTER WITH 2-6' FLARE, CONN GAS- 4500u WITH 10' FLARE, NO LOSSES
	17:30 - 18:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM
	18:30 - 20:00	1.50	DRL	1	DRILL F/ 15,977'-15,985', DRLG WITH SAME PARAMETERS, MW- 12.8, VIS- 45, SAME BG & CONN GAS
	20:00 - 21:00	1.00	BOP	1	CHANGE OUT ROT. HEAD RUBBER (7 OF THE 8 BOLTS FELL OUT OF HEAD, BOLTS ARE 5/8"x3 1/4" LONG)
	21:00 - 06:00	9.00	DRL	1	DRILL F/ 15,985'-16,048', WOB- 10-14K, DIFF. PRESS.- 200-350 PSI, RPM- 580 COMBINED, GPM- 278, MW- 12.7, VIS- 43, BG GAS- 1600 THRU BUSTER WITH 2-4' FLARE, OFF THE BUSTER- 4100u, CONN GAS- 1950u WITH 3-6' FLARE, SEEPING 1-2 BBLS/HR, TOP OF DAKOTA SAND- 15,997'
4/27/2007	06:00 - 11:00	5.00	DRL	1	DRILL F/ 16,048'-16,074', WOB- 10-16K, DIFF. PRESS.- 200-350 PSI, RPM- 580 COMBINED, GPM- 278, MW- 12.7, VIS- 44, BG GAS- 2,200u THRU BUSTER WITH 2-4' FLARE, OFF BUSTER- 6,200u, CONN GAS- 2,400u WITH 4-6' FLARE, VARY LITTLE SEEPAGE
	11:00 - 12:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION LOWER PIPE RAMS & COM, FIRE DRILL- 52 SEC.

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Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release: 5/5/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/27/2007	12:00 - 18:00	6.00	DRL	1	DRILL F/ 16,074'-16,124', DRLG WITH SAME PARAMETERS, RAISING MW TO 12.9, MW- 12.8, VIS- 42, BG GAS- 2250u THRU BUSTER WITH 2-4' FLARE, OFF BUSTER- 7450u, GAS CUT MW- 11.9, VARY LITTLE SEEPAGE
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 16,124'-16,198', WOB- 10-14K, DIFF. PRESS.- 250-350 PSI, RPM- 580 COMBINED, GPM- 278, MW- 13+ IN, 13 OUT, OFF BUSTER- 12.7 OUT, VIS- 43, BG GAS- 1050u WITH 1-3' FLARE, OFF BUSTER- 5200u, CONN GAS- 2450u WITH 3-5' FLARE, VARY LITTLE SEEPAGE
4/28/2007	06:00 - 08:00	2.00	DRL	1	DRILL F/ 16,198'-16,205', WOB- 12-14K, DIFF. PRESS.- 250-350 PSI, RPM- 580, GPM- 278, MW- 13+, VIS- 43, BG GAS- 1850u THRU BUSTER WITH 1-3' FLARE, NO LOSSES
	08:00 - 09:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS & COM
	09:00 - 14:30	5.50	DRL	1	DRILL F/ 16,205'-16,247', DRLG WITH SAME PARAMETERS, MW- 13.1+, VIS- 42, BG GAS- 1300u WITH 1-3' FLARE, OFF BUSTER- 6200u, CONN GAS- 2380u WITH 4-6' FLARE, NO LOSSES
	14:30 - 17:30	3.00	RIG	2	RIG REPAIR- WORK ON BOTH PUMPS (REPLACED TWO SWABS & TWO VALVES & SEATS IN #2 PUMP, REPLACED BAD SWAB & FAST CAP GASKET IN #1 PUMP)
	17:30 - 06:00	12.50	DRL	1	DRILL F/ 16,247'-16,309', WOB- 12-16K, DIFF. PRESS.- 200-350 PSI, RPM- 580 COMBINED, GPM- 278, MW- 13.4, VIS- 46, BG GAS- 1400u WITH 0-2' FLARE, OFF BUSTER- 7200u, CONN GAS- 2650u WITH 3-5' FLARE, NO LOSSES
4/29/2007	06:00 - 07:30	1.50	CIRC	1	CIRCULATE BOTTOMS UP & MIX PILL
	07:30 - 08:30	1.00	TRP	14	CHECK FOR FLOW, FLOWED 1/2"-3/4" STREAM FOR 1/2 HR THEN STARTED TO TAPER OFF
	08:30 - 11:00	2.50	TRP	14	SHORT TRIP- WORK THRU TIGHT SPOT F/ 16,037'-16,045' THEN BACK REAM OUT TO 15,850'
	11:00 - 12:30	1.50	CIRC	1	CIRCULATE OUT GAS & PUMP PILL
	12:30 - 16:30	4.00	TRP	14	SHORT TRIP 57 STDS OUT TO CSG SHOE, BACKREAM THRU TIGHT HOLE F/ 11,121'-10,886'
	16:30 - 17:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION HCR, CKECK FOR FLOW- OK
	17:30 - 21:00	3.50	TRP	14	TRIP IN SLOWLY, BREAK CIRCULATION EVERY 2,000'
	21:00 - 00:00	3.00	CIRC	1	WASH 60' TO BOTTOM, CIRCULATE OUT GAS & CONDITION MUD F/ LOGS
	00:00 - 00:30	0.50	CIRC	1	SPOT 16# PILL F/ 16,309'-13,809'
	00:30 - 06:00	5.50	TRP	2	TRIP OUT F/ LOGS (BACK REAM & CLEAN TIGHT HOLE F/ 15,913'-15,840') SLM
4/30/2007	06:00 - 10:00	4.00	REAM	1	BACK REAM & CLEAN OUT TIGHT HOLE F/ 11,266'-10,886' (CSG SHOE)
	10:00 - 18:00	8.00	TRP	2	MUD MOTOR FAILURE, TRIP OUT WET (SLM)
	18:00 - 22:30	4.50	TRP	2	TRIP OUT WET, SLM- 16,316'
	22:30 - 23:30	1.00	TRP	1	FUNCTION BLIND RAMS, BREAK BIT & LAY DOWN MUD MOTOR
	23:30 - 00:30	1.00	LOG	1	HOLD SAFETY MEETING & RIG UP HALLIBURTON LOGGING TOOLS
	00:30 - 06:00	5.50	LOG	1	LOGGING- 1ST RUN PLATFORM EXPRESS TRIPLE COMBO, COULD NOT GET PAST BRIDGE @ 16,190', GOT TOOL STUCK @ 13,890' & 13,809', BOTTOM HOLE TEMP- 296 DEG.
5/1/2007	06:00 - 18:00	12.00	LOG	1	LOGGING WITH HALLIBURTON, 1ST RUN- TRIPLE COMBO (16,190'-SURFACE), 2ND RUN- GAMMA RAY/ WAVE SONIC (10,850'-2,000'), CIRCULATING OVER THE TOP OF HOLE MONITORING WELL.
	18:00 - 22:30	4.50	LOG	2	LOGGING WITH HALLIBURTON, THIRD RUN- GAMMA RAY/ BOND LOG (10,850'-2,950') TOP OF CEMENT AT 3,700', CIRCULATING OVER THE TOP OF HOLE MONITORING WELL.
	22:30 - 23:00	0.50	LOG	1	RIG DOWN LOGGERS
	23:00 - 06:00	7.00	TRP	2	MAKE UP BIT, BIT SUB & TRIP IN SLOWLY, BREAK CIRCULATION AFTER BHA THEN EVERY 1,000', INSTALL ROT. HEAD & CIRCULATE BOTTOMS UP AT 6,500'
5/2/2007	06:00 - 09:00	3.00	TRP	15	TRIP IN, BREAK CIRC. & CIRC. F/ 10 MIN. EVERY 1,000'
	09:00 - 13:30	4.50	TRP	13	TRIP BACK OUT TO RETREIVE WIRE BRUSH THAT WAS DROPPED IN DP

Questar E & P

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release: 5/5/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/2/2007	09:00 - 13:30	4.50	TRP	13	(FOUND BRUSH IN JARS)
	13:30 - 18:00	4.50	TRP	15	TRIP IN SLOWLY, BREAK CIRC. AFTER BHA THEN EVERY 2,000'
	18:00 - 03:00	9.00	TRP	15	TRIP IN SLOWLY, BREAK CIRC. EVERY 2,000' TO 6500' THEN EVERY 1000', INSTALL ROT. HEAD & CIRC. BOTTOMS UP @ 10,850'
	03:00 - 04:00	1.00	RIG	2	TOP DRIVE REPAIR- SPLICE 37 PIN CABLE TO TOP DRIVE UNIT.
	04:00 - 06:00	2.00	TRP	15	TRIP IN SLOWLY, BREAK CIRC. EVERY 1,000', CIRC. BOTTOMS UP @ 15,809', MW- 13.3 IN, 12.9 OUT, VIS- 47 IN, 54 OUT, BG GAS- 600u WITH 10-15' FLARE TRIP GAS- 7100u WITH 25-40' FLARE, NO LOSSES TRIPPING IN
5/3/2007	06:00 - 07:00	1.00	TRP	15	TRIP IN, BREAK CIRC. AT 15,933'
	07:00 - 08:00	1.00	REAM	1	WASH 105' TO BOTTOM, NO FILL
	08:00 - 15:00	7.00	CIRC	1	CIRCULATE & CONDITION MUD, MW- 13.3, VIS- 43, BG GAS- 2300u, TRIP GAS- 7200u WITH 25-40' FLARE
	15:00 - 17:00	2.00	CIRC	1	CIRCULATE & CONDITION MUD, MIX 150 BBL PILL AT 15.2 PPG IN PREMIX, 14.5 PPG PILL IN PILL TANK
	17:00 - 17:30	0.50	TRP	3	CHECK FOR FLOW, FLOWED 1/2"-3/4" STREAM FOR 15 MIN. THEN SLOWED DOWN TO A TRICKLE
	17:30 - 18:00	0.50	CIRC	1	PUMP & SPOT 120 BBL PILL AT 15.5 PPG FROM 16,309'-14,109'
	18:00 - 06:00	12.00	TRP	3	LAY DOWN DP
5/4/2007	06:00 - 09:00	3.00	TRP	1	LAY DOWN DP & BHA
	09:00 - 09:30	0.50	BOP	1	PULL WEAR BUSHING
	09:30 - 12:00	2.50	CSG	1	HOLD SAFETY MEETING & RIG UP CSG CREW
	12:00 - 18:00	6.00	CSG	2	RUN 4 1/2" CSG, FILL EVERY 40 JTS & CIRCULATE FOR 250-750 STROKES, CIRCULATE BOTTOMS UP @ 6,200', NO LOSSES
	18:00 - 04:00	10.00	CSG	2	RUN 4 1/2" CSG, FILL EVERY 40 JTS TO 10,800, INSTALL ROT. HEAD RUBBER, CIRCULATE BOTTOMS UP, THEN FILL EVERY 25 JTS, CIRCULATE BOTTOMS UP @ 14,270', WASH LAST 3 JTS TO BOTTOM
	04:00 - 06:00	2.00	CIRC	1	CIRCULATE & CONDITION MUD, PUMP TWO HI VIS SWEEPS
5/5/2007	06:00 - 07:00	1.00	CMT	1	CIRCULATE & CONDITION MUD, PUMP 50 BBL HI VIS SWEEP
	07:00 - 08:00	1.00	CMT	1	CIRC.,HOLD SAFETY MEETING & RIG UP HALLIBURTON
	08:00 - 11:00	3.00	CMT	2	CEMENT 4 1/2" CSG, LEAD- 215 SACKS OF 50/50 POZ, CLASS "G" @ 13.5 PPG, TAIL- 805 SACKS 50/50 POZ, CLASS "G" @ 14 PPG
	11:00 - 12:00	1.00	CMT	1	RIG DOWN HALLIBURTON, WOC
	12:00 - 14:30	2.50	CMT	2	WOC, RIG UP DOUBLE JACK BOP LIFT, START CLEANING MUD TANKS
	14:30 - 16:30	2.00	BOP	1	NIPPLE DOWN & LIFT STACK USING DOUBLE JACK BOP LIFT
	16:30 - 18:00	1.50	CSG	7	SET SLIPS AT 200K (STRING WT) & CUT OFF CSG, RIG DOWN DOUBLE JACK
	18:00 - 00:00	6.00	LOC	7	FINISH CLEANING MUD TANKS, RIG RELEASED @ 00:00 ON 5/5/2007
	00:00 - 06:00	6.00	LOC	4	RIG DOWN- FLUSH PUMPS & MUD LINES, RIG DOWN PUMPS & MUD TANKS

Questar E & P

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release: 5/5/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/21/2007	06:00 - 16:00	10.00	BOP	1	On 5/15/07 NDWH & NU 4-1/16" x 15K frac head. Pressure test csg & frac head to 11500# with Quick Test. On 5/16/07 MIRU Cutters WL & ran a gauge ring to tag @ 16193'. Ran a CBL/VDL/GR log from 16192' to 3540' with top of cement est at 4720'. Correlated the CBL log to Halliburton Spectral Density/Neutron log dated 4/30/07run #2. Perforate the following. Dakota intervals at 4 JPF and 90* phasing using a 3-1/8" csg gun as follows: 15868' - 15872' (16 holes); 15907' - 10509' (8 holes); 15996' - 15998' (8 holes) and 16005' - 16013' (32 holes). No pressure or flow after perforating. RDMO Cutters WL. 24 Hour Forecast: Well will remain SI until fracs begin on 5/21/07. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16306' FC @ 16260' Perfs: Zone #1 Dakota 16005' - 16013' 15996' - 15998' 15907' - 15909' 15868' - 15872'
5/22/2007	06:00 - 16:00	10.00	STIM	3	On 5/21/07 SICP = 1020# from Dakota interval 15868' - 16013'. MIRU Halliburton frac crew, Pro-Technics, OWP wireline and Quick Test. Zone #1: Dakota - Frac gross perforated Dakota interval 15868' - 10613' down 4-1/2" csg as using a 35# 2% KCL x-linked Hybor gel water system as follows: Breakdown at 6780# and pump 400 gals of 15% HCL acid followed by a 11800 gal pad and pump 0.5 to 1 ppg 100 mesh sand in 9500 gals of fluid and stage 1-4 ppg 30/50 mesh Econoprop sand in 20000 gals of fluid and flush with 9476 gals of slick water. Total of 5900# of 100 mesh and 54200# of 30/50 mesh sand. Total load of 1232 bbls. Max rate = 58.8 BPM; avg rate = 43 BPM; max psi = 11400# & avg psi = 10340#; ISIP = 7490# (.91). Lubricate in a 4-1/2" comp frac plug and set at 15800'. Perforate per the CBL log dated 5/16/07 with a 2-1/2" csg gun at 4 JPF and 90* phasing the following Dakota Silt intervals: 15596' - 15598'; 15676' - 15680'; 15752' - 15756' & 15758' - 15760'. This zone was tagged with Iridium. Zone #2: Dakota Silt - 15596' - 15760'. Frac gross perf interval 15596' - 15780' down csg using a stick water system as follows: Pump 400 gals of 15% HCL and frac with a 20000 gal pad and stage 0.2 to 0.75 ppg 30/50 mesh Econoprop sand in 4 stages and in 72000 gals of fluid and had 3 spacer stages of 10000 gals, 15000 gals and 12000 gals and flush with 9780 gals of slick water. Total of 35800# of 30/50 sand and a total load of 3300 bbls. Max rate = 47 BPM; avg rate = 43 BPM; max psi = 10906#; avg rate = 10060#; ISIP = 7529# (.92). This zone was tagged with Scandium. Lubricate in a comp frac plug and set at 15500'. Perforate the following Frontier intervals per the above gun and log @ 4 JPF 15060' - 15061'; 15153' - 15154'; 15188' - 15189'; 15267' - 15268'; 15324' - 15325'; 15380' - 15381' & 15466' - 15467' (28 holes). Zone #3: Frontier - 15060' - 15467'. Frac gross perforated interval 15060' - 15467' down csg using a stick water system. Pump 400 gals of 15% HCL followed by a 20000 gal pad and stage 0.2 to 0.50 ppg 30/50 Econoprop in 3 stages of sand and had 2 spacers of 12000 gal and flushed with 11000 gals of slick water. Pumped a total of 10200# of sand and a total load of 1765 bbls. Max rate = 43.1 BPM; avg rate = 36.8 BPM; max psi = 11489#; avg psi = 10787#, ISIP = 8059# (.97). Tagged this zone with Antimony. SIFN.

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release: 5/5/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/22/2007	06:00 - 16:00	10.00	STIM	3	24 Hour Forecast: Will continue with additional zones. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16306' FC @ 16260' Perfs: Zone #1 Dakota 16005' - 16013' 15996' - 15998' 15907' - 15909' 15868' - 15872' Zone #2 Frontier 15460' - 15467' 15466' - 15467' 15380' - 15381' 15324' - 15325' 15267' -0 15268' 15188' - 15189' 15153' - 15154' 15060' - 15061'
5/23/2007	06:00 - 16:00	10.00	STIM	3	On AM of 5/22/07 SICP = 7800#. Lubricate in a 4-1/2" comp frac plug and set @ 14960'. Perforate the following zones using a 2-1/2" gun at 4 JPF and 90° phasing per the CBL log dated 5/16/07. Mancos: 14449' - 14450'; 14476' - 14477'; 14514' - 14515'; 14594' - 14595' & Frontier 14809' - 14810'; 14853' - 14854' & 14929' - 14930' (32 holes). Zone 4 - Gross Mancos/Frontier perfs 14449' - 14930'. Frac this interval with a 2% KCL slick water system as follows: pump 400 gals of 15% HCL and pump a 20000 gal pad and stage 0.2 to 0.75 ppg 30/50 mesh Econoprop in 65000 gals of fluid with 3 spacer stages of 12000 gal and 2- 10000 gals stages and flush with 9185 gal of slick water. Total of 36400# of sand and a total load of 3325 bbls. Max rate = 49 BPM; avg rate = 43 BPM; max psi = 11416#; avg psi = 10861#; ISIP = 7660#. FG = .96. Zone was tagged with Iridium. Lubricate in a comp frac plug and set at 14370'. Perforate per the above gun and log the following Mancos Intervals: 13934' - 13935'; 13981' - 13982'; 14034' - 14035'; 14108' - 14109'; 14162' - 14163'; 14198' - 14199'; 14271' - 14272' & 14337' - 14338' (32 holes). Zone 5 - Gross Mancos perfs 13934' - 14338': Frac this interval with 400 gals of 15% HCL and pump a 20000 gal pad and stage 0.2 to 0.75 ppg 30/50 mesh Econoprop in 54000 gals of fluid and flush with 9490 gals of slick water. Had 2 spacer volumes of 10000 gals and 12000 gals of water. Total of 23550# of sand and a total 2500 bbls of water. Max rate = 47 BPM; avg rate = 41 BPM; max psi = 11800#; avg rate = 10725#; ISIP = 7691# (.98). Lubricate in a comp frac plug @ 13850'. Perforate per the above log and gun the following Mancos intervals: 13427' - 13428'; 13507' - 13508'; 13532' - 13533'; 13608' - 13609'; 13665' - 13666'; 13713' - 13714'; 13770' - 13771' & 13819' - 13820' (32 holes). SIFN. Zone #5 was tagged with Scandium. 24 Hour Forecast: Will continue with fracs and additional zones. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16306' FC @ 16260' Perfs:

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Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release: 5/5/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/23/2007	06:00 - 16:00	10.00	STIM	3	Zone #1 Dakota 16005' - 16013' 15996' - 15998' 15907' - 15909' 15868' - 15872' Zone #2 Frontier 15460' - 15467' 15466' - 15467' 15380' - 15381' 15324' - 15325' 15267' - 15268' 15188' - 15189' 15153' - 15154' 15060' - 15061' Zone #3 Frontier 15466' - 15467' 15380' - 15381' 15324' - 15325' 15267' - 15268' 15188' - 15189' 15153' - 15354' 15060' - 15061' Zone #4 Mancos/Frontier 14929' - 14930' 14853' - 14854' 14809' - 14810' 14681' - 14682' 14594' - 14595' 14514' - 14515' 14476' - 14477' 14449' - 14450' Zone #5 Mancos 14337' - 14338' 14271' - 14272' 14198' - 14199' 14162' - 14163' 14108' - 14109' 14034' - 14035' 13981' - 13982' 13934' - 13935' Zone #6 Mancos 13819' - 13820' 13770' - 13771' 13713' - 13714' 13665' - 13666' 13608' - 13609' 13532' - 13533' 13507' - 13508' 13427' - 13428'
5/24/2007	06:00 - 16:00	10.00	STIM	3	On AM of 5/23/07 SICP = 7730#. Zone #6 - Perf Gross Mancos interval 13427' - 13820'. Frac this interval using a 2% KCL slickwater system as follows: Pump 400 gals of 15% HCL followed by a 20000

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Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release: 5/5/2007
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Date	From - To	Hours	Code	Sub Code	Description of Operations
5/24/2007	06:00 - 16:00	10.00	STIM	3	gal pad and stage 0.2 to 0.75 ppg 30/50 Econoprop in 68000 gals of fluid with 3 spacer stages of 10000 gals each and flush with 8100 gals of slick water. Total of 32300# of sand & a total load of 2730 bbls. Max rate = 51 BPM; avg rate = 43 BPM; max psi = 11187#, avg psi = 10346#; ISIP = 7202# (.96). Zone was tagged with Antimony. Lubrciate in a comp frac plug & set @ 13370'. Perforate the following Mancos intervals using previous gun & log at 4 JPF: 12934' - 12935'; 12972' - 12973'; 13027' - 13028'; 13053' - 13054'; 13100' - 13101'; 13165' - 13166'; 13263' -13264' & 13333' - 13334'. (32 holes) Zone #7 - Mancos - 12934' - 13334'. Frac this interval with slick water as follows: Pump 400 gals of 15% HCL followed by a 20000 gal pad and stage 0.2 to 0.5 ppg 30/50 mesh sand in 25000 gals of fluid with a 10000 gal spacer between the 2 stages and flush with 8050 gals of slick water. Total of 6300# of sand and a total load of 1807 bbls. Zone acted tight during different stages of pad and sand and went to flush early. Tired different rates of FR. Zone was tagged with Iridium. Max rate = 45 BPM; avg rate = 38.5 BPM; max psi = 11503#, avg psi = 10286#, ISIP = 7004# (.97). Lubricate in a comp frac plug and set at 12830'. Perforate the following Mancos zones with the previous gun and log at 4 JPF. 12393' - 12394'; 12429' - 12430'; 12495' - 12496'; 12530' - 12531'; 12584' - 12585'; 12641' - 12642'; 12719' - 12720' & 12803' - 12804' (32 holes). Zone #8 - Mancos 12393' - 12804': Frac this interval with 2% KCL slick water as follows: Pump 400 gals of 15% HCL and frac with a 20000 gal pad adn stage 0.2 to .075 ppg 30/50 Econoprop in 73000 gals of fluid with 1 - 15000 gal spacer and 2 - 10000 gal spacers and flush with 8100 gals of slick water. Total of 35100# of sand and a total load of 3228 bbls. Max rate = 48 BPM; avg rate = 45 BPM; max psi = 10700#; avg psi = 9621#; ISIP = 6534# (.95). Zone was tagged with Scandium. Lubricate in a comp frac plug and set at 12280'. Perforate the following Mancos B zones per the same gun and log as follows: 11891' - 11895'; 11993' - 11995'; 12102' - 12104'; 12168' - 12169'; 12187' - 12188'; 12225' - 12226' & 12233' - 12234' (48 holes). SIFN. 24 Hour Forecast: Will continue with fracs and additional zones. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16306' FC @ 16260' Perfs: Zone #1 Dakota 16005' - 16013' 15996' - 15998' 15907' - 15909' 15868' - 15872' Zone #2 Frontier 15460' - 15467' 15466' - 15467' 15380' - 15381' 15324' - 15325' 15267' - 15268' 15188' - 15189' 15153' - 15154' 15060' - 15061' Zone #3 Frontier 15466' - 15467' 15380' - 15381'

Operations Summary Report

Well Name: GB 8D-20-8-22
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Rig Name: UNIT

Spud Date: 2/24/2007
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Date	From - To	Hours	Code	Sub Code	Description of Operations
5/24/2007	06:00 - 16:00	10.00	STIM	3	15324' - 15325' 15267' - 15268' 15188' - 15189' 15153' - 15354' 15060' - 15061' Zone #4 Mancos/Frontier 14929' - 14930' 14853' - 14854' 14809' - 14810' 14681' - 14682' 14594' - 14595' 14514' - 14515' 14476' - 14477' 14449' - 14450' Zone #5 Mancos 14337' - 14338' 14271' - 14272' 14198' - 14199' 14162' - 14163' 14108' - 14109' 14034' - 14035' 13981' - 13982' 13934' - 13935' Zone #6 Mancos 13819' - 13820' 13770' - 13771' 13713' - 13714' 13665' - 13666' 13608' - 13609' 13532' - 13533' 13507' - 13508' 13427' - 13428' Zone #7 - Mancos 13333' - 13334' 13263' - 13264' 13165' - 13166' 13100' - 13101' 13053' - 13054' 13027' - 13028' 12972' - 12973' 12934' - 12935' Zone #8 - Mancos 12803' - 12804' 12719' - 12720' 12641' - 12642' 12584' - 12885' 12530' - 12531' 12495' - 12496' 12429' - 12430' 12393' - 12394' Zone #9 - Mancos 12233' - 12234' 12225' - 12226'

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Rig Name: UNIT

Spud Date: 2/24/2007
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Date	From - To	Hours	Code	Sub Code	Description of Operations
5/24/2007	06:00 - 16:00	10.00	STIM	3	12187' - 12188' 12168' - 12169' 12102' - 12104' 11993' - 11995' 11891' - 11895'
5/25/2007	06:00 - 16:00	10.00	STIM	3	On AM of 5/24/07 SICP = 6650#. Zone #9 - Mancos gross intervals (11891' - 12237'): Frac this zone as follows using a 2% KCL slickwater system as follows: Pump 400 gals of 15% HCL follwed by a 30000 pad and stage 0.2 to 1.0 ppg 30/50 Econoprop sand in 112,000 gals of fluid with 3 spacers of 10,000 gel each and flush with 7600 gals of slick water. Total of 79,500# of sand and total load of 4274 bbls. Max rate = 49 BPM; avg rate = 46 BPM; max psi = 9634#; avg psi = 7811#; ISIP = 5489# (.89). Zone was tagged with Antimony. Lubricate in a comp frac plug and set at 11810'. Perforate the following Blackhawk intervals per the pervious gun and charge and log at 4 JPF: 11432' - 11440'; 11490' - 11492'; 11579' - 11580'; 11586' - 11588'; 11654' - 11655'; 11737' - 11738' & 11785' - 11786'. Zone #10 - Blackhawk gross intervals 11432' - 11786': Frac this zone using a slickwater system as follows: Pump a 24000 gal pad and stage 1/2 to 2 ppg 30/50 Econoprop sand in 97,000 gals of fluid with 3 - 8000 gal spacers and flush with 7710 gals of slick water. Used 400 gals of 15% HCL in pre-pad. Tagged this zone with Iridium. Total of 86500# of sand and a total load of 3700 bbls. Max rate = 49 BPM; avg rate = 48 BPM; max psi = 7649#; avg psi = 6886#. ISIP = 4868# (.86). Lubricate in a comp frac plug and set at 10570'. Perforate the following Lower MV intervals per the previous log and gun at 4 JPF: 10195' - 10199'; 10368' - 10370'; 10390' - 10392'; 10443' - 10445' & 10538' - 10540'. Zone #11: Lower Mesa Verde gross intervals (10195' - 10540'): Frac this zone using a Delta 200 2% KCL x-linked gel water system as follows: Pump a 12000 gal pad and stage #1 30/50 Econoprop sand in 15700 gals of fluid and 2 to 4 ppg 20/40 mesh SB sand in 28000 gals of fluid and flush with 7165 gals of slick water. Total of 18500# of 30/50 sand and 75000# of 20/40 mesh sand. Total load of 1586 bbls. Max rate = 56 BPM; avg = 48.7 BPM; max psi = 10419#; avg psi = 7226#; ISIP = 3592# (.78). Did not tag this zone and did not use acid on this zone. Lubricate in a comp frac plug and set at 9410'. Perforate the following Lower Mesa Verde intervals as above 9149' - 9153'; 9169' - 9173'; 9222' - 9224' & 9353' - 9357'. Zone #12: Lower Mesa Verde gross intervals (9149' - 9357'): Frac this zone using a Delta 200 2% KCL x-linked gel water system as follows: Pump a 21,000 gal pad and pump 1 ppg 30/50 Econopump in 14700 gals of fluid and pump 2 to 4 ppg 20/40 SB sand in 22,000 gals of fluid and flush with 5473 gals of slick water. Did not use any acid and did not tag this zone. Total of 19000# 30/50 sand and 59900# of 20/40 sand. Total of 1567 bbls, max rate = 57.6 BPM; acg rate = 52.4 BPM; max psi = 9584#; avg psi = 5946#; ISIP = 2993# (.76). Lubricate in a comp frac plug and set at 8600'. Perforate as above at 4 JPF Mesa Verde intervals as follows: 8420' - 8426'; 8437' - 8439'; 8470' - 8474' & 8536' - 8540'. SIFN. 24 Hour Forecast: Will continue with fracs and additional zones. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16306' FC @ 16260' Perfs: Zone #1 Dakota 16005' - 16013' 15996' - 15998'

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Spud Date: 2/24/2007
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Date	From - To	Hours	Code	Sub Code	Description of Operations
5/25/2007	06:00 - 16:00	10.00	STIM	3	15907' - 15909' 15868' - 15872' Zone #2 Frontier 15460' - 15467' 15466' - 15467' 15380' - 15381' 15324' - 15325' 15267' - 15268' 15188' - 15189' 15153' - 15154' 15060' - 15061' Zone #3 Frontier 15466' - 15467' 15380' - 15381' 15324' - 15325' 15267' - 15268' 15188' - 15189' 15153' - 15354' 15060' - 15061' Zone #4 Mancos/Frontier 14929' - 14930' 14853' - 14854' 14809' - 14810' 14681' - 14682' 14594' - 14595' 14514' - 14515' 14476' - 14477' 14449' - 14450' Zone #5 Mancos 14337' - 14338' 14271' - 14272' 14198' - 14199' 14162' - 14163' 14108' - 14109' 14034' - 14035' 13981' - 13982' 13934' - 13935' Zone #6 Mancos 13819' - 13820' 13770' - 13771' 13713' - 13714' 13665' - 13666' 13608' - 13609' 13532' - 13533' 13507' - 13508' 13427' - 13428' Zone #7 - Mancos 13333' - 13334' 13263' - 13264' 13165' - 13166' 13100' - 13101' 13053' - 13054' 13027' - 13028'

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Operations Summary Report

Well Name: GB 8D-20-8-22
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Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release: 5/5/2007
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Date	From - To	Hours	Code	Sub Code	Description of Operations
5/25/2007	06:00 - 16:00	10.00	STIM	3	12972' - 12973' 12934' - 12935' Zone #8 - Mancos 12803' - 12804' 12719' - 12720' 12641' - 12642' 12584' - 12885' 12530' - 12531' 12495' - 12496' 12429' - 12430' 12393' - 12394' Zone #9 - Mancos 12233' - 12234' 12225' - 12226' 12187' - 12188' 12168' - 12169' 12102' - 12104' 11993' - 11995' 11891' - 11895' Zone #10 - Blackhawk 11785' - 11786' 11737' - 11738' 11654' - 11655' 11586' - 11588' 11579' - 11580' 11490' - 11492' 11432' - 11440' Zone #11 - Lower Mesa Verde 10538' - 10540' 10443' - 10445' 10390' - 10392' 10368' - 10370' 10195' - 10199' Zone #12 - Lower Mesa Verde 9353' - 9357' 9222' - 9224' Zone #13 - Mesa Verde 8536' - 8540' 8470' - 8474'
5/29/2007	06:00 - 16:00	10.00	STIM	3	On AM of 5/25/07 SICP = 2550#. Continue with zones. Zone #13 - Mesa Verde (8420' - 8540') - Frac this zone with a Delta 200 2% KCL x-linked gel water system as follows: Pump a 20,000 gal pad and stage 1 to 4 ppg 20/40 mesh Premium Sand in 50,000 gals of fluid and flush with 5136 gals of slick water. Total of 122,000# of sand and a total load of 1803 bbls. Max rate = 56.5 BPM, avg rate = 51.3 BPM; max psi = 8590#; avg psi = 5583#; ISIP = 2551# (.74). Lubricate in a comp frac plug and set at 7500'. Perforate the following Wasatch intervals at 3 JPF using a 2-1/2" csg gun per the CBL log: 7194' - 7198'; 7213' - 7217'; 7240' - 7244' and 7267' - 7271' (48 holes). Zone #14: Wasatch (7194' - 7271') - Frac this zone with the above system as follows: Pump a 4300 gal pad and stage 1 to 4 ppg 20/40 mesh Premium sand in 13500 gals of fluid and flush with 4624 gals of slick water. Total of 41,000# of sand and a total load of 685 bbls. Max rate = 55 BPM; avg rate = 49.5 BPM; max psi = 8500#; avg psi = 5813#; ISIP = 1604# (.66). Lubricate in a comp frac plug and set

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Date	From - To	Hours	Code	Sub Code	Description of Operations
5/29/2007	06:00 - 16:00	10.00	STIM	3	at 7060'. Perforate at 3 JPF the CBL log the following Wasatch intervals: 6900' - 6902'; 6934' - 6944'; 6972' - 6974' & 7023' - 7025' (48 holes). RDMO OWP wireline. Zone #15: Wasatch (6900' - 7025') - Frac this interval with a Delta 200 2% KCL x-linked gel water system as follows: Pump a 9700 gal pad and stage 1 to 4 ppg 20/40 mesh Premium sand in 38,000 gals of fluid and flush with 4088 gals of slick water. Total of 89,300# of sand and a total of 1275 bbls. Max rate = 58.5 BPM; avg rate = 56.2 BPM; max psi = 7293#; avg psi = 4238#; iSIP = 1310# (.62). SI the well and RDMO Halliburton frac crew. After a 3 hour SI period open the csg to the pit at 3:00 PM on 5/25/07 with a SICP = 1200# on a 10/64" choke. At 7:00 AM on 5/26/07 FCP = 1950# on a 8/64" choke at an est rate of 30 BPH and no gas. Recovered an est 480 bbls since opening the well. At 7:00 AM on 5/27/07 FCP = 2100#; 12/64" choke; est rate of 35 BPH. No gas. Last 24 hours = 770 bbls. Total est at 1250 bbls. Est LLTR = 33,995 bbls. At 7:00 AM on 5/28/07 FCP = 1600# on a 12/64" choke at an est rate of 30 BPH with no gas and a a total rec. est at 1985 bbls (735 last 24 hours) and an est LLTR = 33260 bbls. At 6:00 AM on 5/29/07 FCP = 1850# on a 12/64" choke with an est rate of 30 BPH and no gas with an est total rec of 2675 bbls and an est LLTR = 32570 bbls. 24 Hour Forecast: Continue to flow well while MI additional equipment. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16306' FC @ 16260' Perfs: Zone #1 Dakota 16005' - 16013' 15996' - 15998' 15907' - 15909' 15868' - 15872' Zone #2 Frontier 15460' - 15467' 15466' - 15467' 15380' - 15381' 15324' - 15325' 15267' - 15268' 15188' - 15189' 15153' - 15154' 15060' - 15061' Zone #3 Frontier 15466' - 15467' 15380' - 15381' 15324' - 15325' 15267' - 15268' 15188' - 15189' 15153' - 15354' 15060' - 15061' Zone #4 Mancos/Frontier 14929' - 14930' 14853' - 14854' 14809' - 14810' 14681' - 14682'

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Rig Name: UNIT

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Date	From - To	Hours	Code	Sub Code	Description of Operations
5/29/2007	06:00 - 16:00	10.00	STIM	3	14594' - 14595' 14514' - 14515' 14476' - 14477' 14449' - 14450' Zone #5 Mancos 14337' - 14338' 14271' - 14272' 14198' - 14199' 14162' - 14163' 14108' - 14109' 14034' - 14035' 13981' - 13982' 13934' - 13935' Zone #6 Mancos 13819' - 13820' 13770' - 13771' 13713' - 13714' 13665' - 13666' 13608' - 13609' 13532' - 13533' 13507' - 13508' 13427' - 13428' Zone #7 - Mancos 13333' - 13334' 13263' - 13264' 13165' - 13166' 13100' - 13101' 13053' - 13054' 13027' - 13028' 12972' - 12973' 12934' - 12935' Zone #8 - Mancos 12803' - 12804' 12719' - 12720' 12641' - 12642' 12584' - 12885' 12530' - 12531' 12495' - 12496' 12429' - 12430' 12393' - 12394' Zone #9 - Mancos 12233' - 12234' 12225' - 12226' 12187' - 12188' 12168' - 12169' 12102' - 12104' 11993' - 11995' 11891' - 11895' Zone #10 - Blackhawk 11785' - 11786' 11737' - 11738' 11654' - 11655' 11586' - 11588'

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Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release: 5/5/2007
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Date	From - To	Hours	Code	Sub Code	Description of Operations
5/29/2007	06:00 - 16:00	10.00	STIM	3	11579' - 11580' 11490' - 11492' 11432' - 11440' Zone #11 - Lower Mesa Verde 10538' - 10540' 10443' - 10445' 10390' - 10392' 10368' - 10370' 10195' - 10199' Zone #12 - Lower Mesa Verde 9353' - 9357' 9222' - 9224' Zone #13 - Mesa Verde 8536' - 8540' 8470' - 8474' 8437' - 8439' 8420' - 8426' Zone #14 - Wasatch 7267' - 7271' 7240' - 7244' 7213' - 7217' 7194' - 7198' Zone #15 - Wasatch 7023' - 7025' 6972' - 6974' 6934' - 3944' 6900' - 6902'
5/30/2007	06:00 - 16:00	10.00	OTH		At 6:00 AM on 5/30/07 FCP = 1800# on a 12/64" choke at an est rate of 25 BPH with a trace of gas and sand with a total est recovery of 610 bbls of water in the last 24 hours (3285 total) with an est LLTR = 31960 bbls. On 5/29/07 - MIRU coiled tbg unit and Parchman Services and related equipment and pressure test systems. 24 Hour Forecast: Will start to clean out the well with coil tbg adn mud motor. Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16306' FC @ 16260' Perfs: Zone #1 Dakota 16005' - 16013' 15996' - 15998' 15907' - 15909' 15868' - 15872' Zone #2 Frontier 15460' - 15467' 15466' - 15467' 15380' - 15381' 15324' - 15325' 15267' - 15268' 15188' - 15189' 15153' - 15154' 15060' - 15061'

Operations Summary Report

Well Name: GB 8D-20-8-22
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Rig Name: UNIT

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Date	From - To	Hours	Code	Sub Code	Description of Operations
5/30/2007	06:00 - 16:00	10.00	OTH		Zone #3 Frontier 15466' - 15467' 15380' - 15381' 15324' - 15325' 15267' - 15268' 15188' - 15189' 15153' - 15354' 15060' - 15061' Zone #4 Mancos/Frontier 14929' - 14930' 14853' - 14854' 14809' - 14810' 14681' - 14682' 14594' - 14595' 14514' - 14515' 14476' - 14477' 14449' - 14450' Zone #5 Mancos 14337' - 14338' 14271' - 14272' 14198' - 14199' 14162' - 14163' 14108' - 14109' 14034' - 14035' 13981' - 13982' 13934' - 13935' Zone #6 Mancos 13819' - 13820' 13770' - 13771' 13713' - 13714' 13665' - 13666' 13608' - 13609' 13532' - 13533' 13507' - 13508' 13427' - 13428' Zone #7 - Mancos 13333' - 13334' 13263' - 13264' 13165' - 13166' 13100' - 13101' 13053' - 13054' 13027' - 13028' 12972' - 12973' 12934' - 12935' Zone #8 - Mancos 12803' - 12804' 12719' - 12720' 12641' - 12642' 12584' - 12885' 12530' - 12531' 12495' - 12496' 12429' - 12430' 12393' - 12394'

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Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/30/2007	06:00 - 16:00	10.00	OTH		Zone #9 - Mancos 12233' - 12234' 12225' - 12226' 12187' - 12188' 12168' - 12169' 12102' - 12104' 11993' - 11995' 11891' - 11895' Zone #10 - Blackhawk 11785' - 11786' 11737' - 11738' 11654' - 11655' 11586' - 11588' 11579' - 11580' 11490' - 11492' 11432' - 11440' Zone #11 - Lower Mesa Verde 10538' - 10540' 10443' - 10445' 10390' - 10392' 10368' - 10370' 10195' - 10199' Zone #12 - Lower Mesa Verde 9353' - 9357' 9222' - 9224' Zone #13 - Mesa Verde 8536' - 8540' 8470' - 8474' 8437' - 8439' 8420' - 8426' Zone #14 - Wasatch 7267' - 7271' 7240' - 7244' 7213' - 7217' 7194' - 7198' Zone #15 - Wasatch 7023' - 7025' 6972' - 6974' 6934' - 3944' 6900' - 6902'
5/31/2007	06:00 - 16:00	10.00	TRP	9	At 6:00 AM on 5/30/07 FCP = 1800# on a 12/64" choke with an est rate of 25 BPH with a trace of sand and gas. RU IBS Coil tbg unit, Parchman flowback equipment and Spirit Completion fluids. Pressure test frac valves and flow manifold to 8000# - OK. RIH w/ 3-5/8" Baker Mill and Baker mud motor and 1-3/4" coil tbg and tag at 7055'. Drill out frac plugs at 7060'; 7500'; 8600'; 9410'; 10570'; 11810'; 12280'; 12830' & 13370'. Did not tag frac plugs at 13850'; 14370'; 14960'; 15500' & 15800'. Clean out sand and remainder of frac plugs to new PBTD of 16230'. Circ well with gel sweep and POOH with coil, mud motor and mill. RDMO coil tbg unit & water system. Turn well over to Parchman flowback personnel. At 6:00 AM on 5/31/07 FCP = 2050# selling at a rate of 1.7 MMCFD on a 22/64" choke and a fluid rate of 50 BPH thru the Parchman system. Continue to flow well to sales.

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release: 5/5/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/31/2007	06:00 - 16:00	10.00	TRP	9	Csg Size: 4-1/2" 15.1# P-110 & Q-125 Csg Depth: 16306' FC @ 16260' Perfs: Zone #1 Dakota 16005' - 16013' 15996' - 15998' 15907' - 15909' 15868' - 15872' Zone #2 Frontier 15460' - 15467' 15466' - 15467' 15380' - 15381' 15324' - 15325' 15267' - 15268' 15188' - 15189' 15153' - 15154' 15060' - 15061' Zone #3 Frontier 15466' - 15467' 15380' - 15381' 15324' - 15325' 15267' - 15268' 15188' - 15189' 15153' - 15354' 15060' - 15061' Zone #4 Mancos/Frontier 14929' - 14930' 14853' - 14854' 14809' - 14810' 14681' - 14682' 14594' - 14595' 14514' - 14515' 14476' - 14477' 14449' - 14450' Zone #5 Mancos 14337' - 14338' 14271' - 14272' 14198' - 14199' 14162' - 14163' 14108' - 14109' 14034' - 14035' 13981' - 13982' 13934' - 13935' Zone #6 Mancos 13819' - 13820' 13770' - 13771' 13713' - 13714' 13665' - 13666' 13608' - 13609' 13532' - 13533' 13507' - 13508'

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release: 5/5/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/31/2007	06:00 - 16:00	10.00	TRP	9	13427' - 13428' Zone #7 - Mancos 13333' - 13334' 13263' - 13264' 13165' - 13166' 13100' - 13101' 13053' - 13054' 13027' - 13028' 12972' - 12973' 12934' - 12935' Zone #8 - Mancos 12803' - 12804' 12719' - 12720' 12641' - 12642' 12584' - 12885' 12530' - 12531' 12495' - 12496' 12429' - 12430' 12393' - 12394' Zone #9 - Mancos 12233' - 12234' 12225' - 12226' 12187' - 12188' 12168' - 12169' 12102' - 12104' 11993' - 11995' 11891' - 11895' Zone #10 - Blackhawk 11785' - 11786' 11737' - 11738' 11654' - 11655' 11586' - 11588' 11579' - 11580' 11490' - 11492' 11432' - 11440' Zone #11 - Lower Mesa Verde 10538' - 10540' 10443' - 10445' 10390' - 10392' 10368' - 10370' 10195' - 10199' Zone #12 - Lower Mesa Verde 9353' - 9357' 9222' - 9224' Zone #13 - Mesa Verde 8536' - 8540' 8470' - 8474' 8437' - 8439' 8420' - 8426' Zone #14 - Wasatch 7267' - 7271' 7240' - 7244' 7213' - 7217'

Questar E & P

Operations Summary Report

Well Name: GB 8D-20-8-22
Location: 20- 8-S 22-E 26
Rig Name: UNIT

Spud Date: 2/24/2007
Rig Release: 5/5/2007
Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/31/2007	06:00 - 16:00	10.00	TRP	9	7194' - 7198' Zone #15 - Wasatch 7023' - 7025' 6972' - 6974' 6934' - 3944' 6900' - 6902'

Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE (See other instructions on reverse side).

CONFIDENTIAL

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.: **UTU - 69001**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: **N/A**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] DRY [ ] Other

b TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR [ ] Other

7. UNIT AGREEMENT NAME: **N/A**

8. FARM OR LEASE NAME: **N/A**

2. NAME OF OPERATOR: **QUESTAR EXPLORATION & PRODUCTION CO.**

9. WELL NO.: **GB 8D 20 8 22**

3. ADDRESS OF OPERATOR: **1571 East 1700 South - Vernal, UT 84078**
Contact: **Dahn Caldwell** 435-781-4342
Fax # 435.781.4357

10. FIELD AND POOL, OR WILDCAT: **UNDESIGNATED**

4. LOCATION OF WELL *(Report location clearly and in accordance with any State requirements)**

At surface: **SENE, SEC 20-T8S-R22E, 2157' FNL, 966' FEL**

At top rod. interval reported below: **SENE, SEC 20-T8S-R22E, 2157' FNL, 966' FEL**

At total depth: **SENE, SEC 20-T8S-R22E, 2157' FNL, 966' FEL**

11. SEC.,T., R., M., OR BLOCK AND SURVEY OR AREA: **SEC 20-T8S-R22E**

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-047- 37665		UINTAH	UT

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. *(Ready to prod.)*	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
2/23/07	4/27/07	5/30/07	KB	

20. TOTAL DEPTH, MD & TVD	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
16,309'	16,260'		-------->	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
SEE ATTACHMENT PAGE 1

25. WAS DIRECTIONAL SURVEY MADE: **NO**

26. TYPE ELECTRIC AND OTHER LOGS RUN
CBL, SPECTRAL DENSITY DSN & ARRAY COMPENSATED

27. WAS WELL CORED: **NO**

28. CASING RECORD *(Report all strings set in well)*

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4"	40.5#	745'	15"	500 SXS	
7"	29#	10,885'	8 5/8"	1,311 SXS	
4 1/2"	15.1#	16,306'	6 1/8"	1,020 SXS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A		

31. PERFORATION RECORD *(Interval, size and number)*
SEE ATTACHMENT PAGE 1

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
SEE ATTACHMENT PG 1	SEE ATTACHMENT PAGE 1

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD *(Flowing, gas lift, pumping--size and type of pump)*	WELL STATUS *(Producing or shut-in)*
5/30/07	FLOWING	PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
6/2/07	24	24/64"	---------->	24	2200	1152	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF	WATER--BBL	OIL GRAVITY-API (CORR.)
N/A	1735	---------->				

RECEIVED
AUG 01 2007

34. DISPOSITION OF GAS *(Sold, used for fuel, vented, etc.)*
SOLD

TEST WITNESSED BY

35. LIST OF ATTACHMENTS
WELLBORE SCHEMATIC & PERFORATION DETAIL ATTACHMENT PAGE 1

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED **JIM SIMONTON** TITLE **COMPLETION SUPERVISOR** DATE **7/19/07**

CONFIDENTIAL

DIV. OF OIL, GAS & MINING

(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
UINTA	SURFACE		
GREEN RIVER	2504'		
WASATCH	5704'		
MESAVERDE	8464'		
SEGO	10837'		
CASTLEGATE	11004'		
BLACKHAWK	11378'		
MANCOS SHALE	11854'		
MANCOS B	12216'		
FRONTIER	14953'		
DAKOTA SILT	15827'		
DAKOTA	16069'		
TD	16309'		

CONFIDENTIAL

38. GEOLOGIC MARKERS
GB 8D 20 8 22

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
UINTA	SURFACE	
GREEN RIVER	2504'	
WASATCH	5704'	
MESAVERDE	8464'	
SEGO	10837'	
CASTLEGATE	11004'	
BLACKHAWK	11378'	
MANCOS SHALE	11854'	
MANCOS B	12216'	
FRONTIER	14953'	
DAKOTA SILT	15827'	
DAKOTA	16069'	
TD	16309'	

GB 8D 20 8 22 - ATTACHMENT PAGE 1

PERFORATION DETAIL:

Open Perfs	Stimulation					Perf Status
6900′ – 6902′						Open - Wasatch
6934′ – 6944′						Open - Wasatch
6972′ – 6974′	Frac w/	89,300	Lbs in	53,550	Gals	Open - Wasatch
7023′ – 7025′						Open - Wasatch
7194′ – 7198′						Open - Wasatch
7213′ – 7217′						Open - Wasatch
7240′ – 7244′	Frac w/	41,000	Lbs in	27,930	Gals	Open - Wasatch
7267′ – 7271′						Open - Wasatch
8420′ – 8426′						Open - Mesaverde
8437′ – 8439′						Open - Mesaverde
8470′ – 8474′	Frac w/	122,000	Lbs in	75,726	Gals	Open - Mesaverde
8536′ – 8540′						Open - Mesaverde
9149′ – 9153′						Open - LMV
9169′ – 9173′						Open - LMV
9222′ – 9224′	Frac w/	78,900	Lbs in	65,814	Gals	Open - LMV
9353′ – 9357′						Open - LMV
10195′ – 10199′						Open - LMV
10368′ – 10370′						Open - LMV
10390′ – 10392′	Frac w/	93,500	Lbs in	66,612	Gals	Open - LMV
10443′ – 10445′						Open - LMV
10538′ – 10540′						Open - LMV
11432′ – 11440′						Open - Blackhawk
11490′ – 11492′						Open - Blackhawk
11579′ – 11580′						Open - Blackhawk
11586′ – 11588′	Frac w/	86,500	Lbs in	155,400	Gals	Open - Blackhawk
11654′ – 11655′						Open - Blackhawk
11737′ – 11738′						Open - Blackhawk
11785′ – 11786′						Open - Blackhawk
11891′ – 11895′						Open – Mancos B
11993′ – 11995′						Open – Mancos B
12102′ – 12104′						Open – Mancos B
12168′ – 12169′	Frac w/	79,500	Lbs in	179,508	Gals	Open – Mancos B
12187′ – 12188′						Open – Mancos B
12225′ – 12226′						Open – Mancos B
12233′ – 12334′						Open – Mancos B

12393′ – 12394′						Open - Mancos
12429′ – 12430′						Open - Mancos
12495′ – 12496′						Open - Mancos
12530′ – 12531′						Open - Mancos
12584′ – 12585′	Frac w/	35,100	Lbs in	135,576	Gals	Open - Mancos
12641′ – 12642′						Open - Mancos
12719′ – 12720′						Open - Mancos
12803′ – 12804′						Open - Mancos
12934′ – 12935′						Open - Mancos
12972′ – 12973′						Open - Mancos
13027′ – 13028′						Open - Mancos
13053′ – 13054′						Open - Mancos
13100′ – 13101′	Frac w/	6,300	Lbs in	75,894	Gals	Open - Mancos
13165′ – 13166′						Open - Mancos
13263′ – 13264′						Open - Mancos
13333′ – 13334′						Open - Mancos
13427′ – 13428′						Open - Mancos
13507′ – 13508′						Open - Mancos
13532′ – 13533′						Open - Mancos
13608′ – 13609′						Open - Mancos
13665′ – 13666′	Frac w/	32,300	Lbs in	114,660	Gals	Open - Mancos
13713′ – 13714′						Open - Mancos
13770′ – 13771′						Open - Mancos
13819′ – 13820′						Open - Mancos
13934′ – 13935′						Open - Mancos
13981′ – 13982′						Open - Mancos
14034′ – 14035′						Open - Mancos
14108′ – 14109′						Open - Mancos
14162′ – 14163′	Frac w/	23,500	Lbs in	105,000		Open - Mancos
14198′ – 14199′						Open - Mancos
14271′ – 14272′						Open - Mancos
14337′ – 14338′						Open - Mancos
14449′ – 14450′						Open – Mancos
14476′ – 14477′						Open – Mancos
14514′ – 14515′						Open – Mancos
14594′ – 14595′						Open – Mancos
14681′ – 14682′	Frac w/	36,400	Lbs in	139,650	Gals	Open – Mancos
14809′ – 14810′						Open – Frontier
14853′ – 14854′						Open – Frontier
14929′ – 14930′						Open – Frontier

15060′ – 15061′						Open - Frontier
15153′ – 15154′						Open - Frontier
15188′ – 15189′						Open - Frontier
15267′ – 15268′	Frac w/	10,200	Lbs in	74,130	Gals	Open - Frontier
15324′ – 15325′						Open - Frontier
15380′ – 15381′						Open - Frontier
15466′ – 15467′						Open - Frontier
15596′ – 15598′						Open – Dakota Silt
15676′ – 15680′						Open – Dakota Silt
15752′ – 15756′	Frac w/	35,800	Lbs in	138,600	Gals	Open – Dakota Silt
15758′ – 15760′						Open – Dakota Silt
15868′ – 15872′						Open - Dakota
15907′ – 15909′						Open - Dakota
15996′ – 15998′	Frac w/	60,100	Lbs in	51,744	Gals	Open - Dakota
16005′ – 16013′						Open - Dakota

FIELD: UNDESIGNATED | GL: 4,819' KBE: 4,845' | Spud Date: 2/23/07 Completion Date: 5/30/07

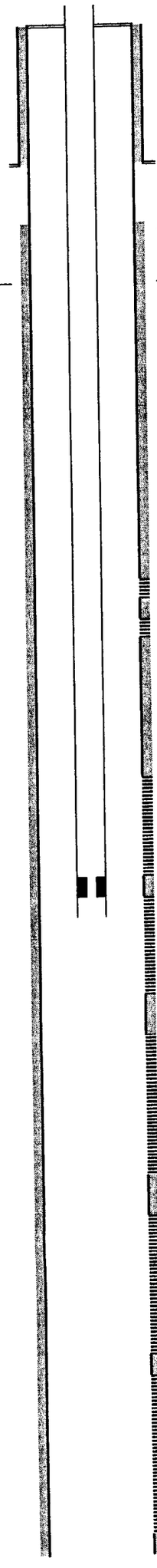
Well: GB 8D 20 8 22 | TD: 16,309' PBTD: 16,260' | Current Well Status: Flowing Gas Well

Location: SENE, SEC 20-T8S-R22E, 2157' FNL, 966' FEL
API#: 43-047-37665

Uintah County, Utah

Reason for Pull/Workover:
Initial Completion of Gas Well

Wellbore Schematic



Surface casing
Size: 10-3/4"
Weight: 40.5#
Grade: J-55
Cmtd w/ 500 sxs
Hole size: 15"
Set @ 745' KB

TOC @ 4720'

EXCLUDED PERFS

OPEN PERFS

Wasatch
6900' - 6902'
6934' - 6944'
6972' - 6974'
7023' - 7025'

7194' - 7198'
7213' - 7217'
7240' - 7244'
7267' - 7271'

Intermediate casing
Size: 7"
Weight: 29#
Grade: HCP-110
Cmtd w/ 1,311 sxs
Hole size: 8-5/8"
Set @ 10,885'

Mesa Verde
8420' - 8426'
8437' - 8439'
8470' - 8474'
8536' - 8540'

LMV
9149' - 9153'
9169' - 9173'
9222' - 9224'
9353' - 9357'

10195' - 10199'
10368' - 10370'
10390' - 10392'
10443' - 10445'
10538' - 10540'

Blackhawk
11432' - 11440'
11490' - 11492'
11579' - 11580'
11586' - 11588'
11654' - 11655'
11737' - 11738'
11785' - 11786'

Mancos 'B'
11891' - 11895'
11993' - 11995'
12101' - 12104'
12168' - 12169'
12187' - 12188'
12225' - 12226'
12233' - 12334'

Mancos
12393' - 12394'
12429' - 12430'
12495' - 12496'
12530' - 12531'
12584' - 12585'
12641' - 12642'
12719' - 12720'
12803' - 12804'

Tubing Landing Detail:

Description	Size	Footage	Depth
KB			0.00
Hanger	2 3/8"		0.00
306 Jts 2-3/8" Tbg	2 3/8"		0.00
"F" Nipple	2 3/8"		0.00
1 Jt 2-3/8" Tbg	2 3/8"		0.00
Bit Sub	2 3/8"		0.00
EOT @			**0.00**

TUBING INFORMATION
Condition:
New: _____ Used: _____ Rerun: _____
Grade: _____
Weight (#/ft): _____

Sucker Rod Detail:

Size	#Rods	Rod Type

Rod Information
Condition:
New: _____ Used: _____ Rerun: _____
Grade: _____
Manufacture: _____

Pump Information:
API Designation _____
Example: 25 x 150 x RHAC X 20 X 6 X 2

Pump SN#: _____ Original Run Date: _____
RERUN _____ NEW RUN _____

ESP Well
Cable Size: _____
Pump Intake @ _____ '
End of Pump @ _____ '

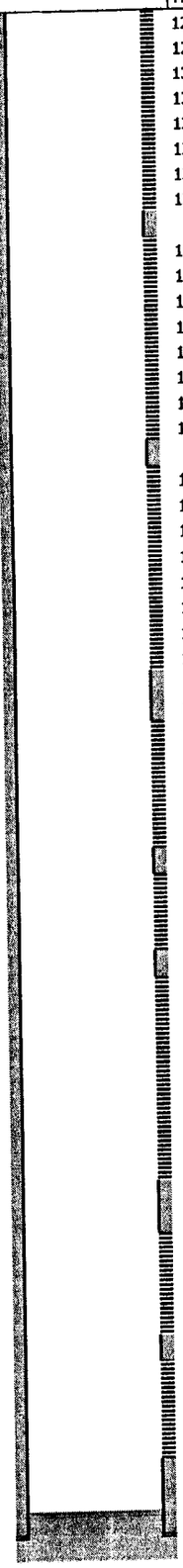
Flowing Well
SN @ 0 '
PKR @ _____
EOT @ 0 '

Wellhead Detail: Example: 7-1/16" 3000#
_____
_____
_____
Other: _____
Hanger: Yes _____ No _____

SUMMARY
Zone #1 - Dakota - 15868' - 16013' Frac w/ 60,100# in 51,744 Gals
Zone #2 - Dakota Silt - 15596' - 15760' Frac w/ 35,800# in 138,600 Gals
Zone #3 - Frontier - 15060' - 15467' Frac w/ 10,200# in 74,130 Gals
Zone #4 - Frontier/Mancos - 14449' - 14930' Frac w/ 36,400# in 139,650 Gals
Zone #5 - Mancos - 13934' - 14338' Frac w/ 23,500# in 105,000 Gals
Zone 6 - Mancos - 13427' - 13820' Frac w/ 32,300# in 114,660 Gals
Zone #7 - Mancos - 12934' - 13334' Frac w/ 6,300# in 75,894 Gals
Zone #8 - Mancos - 12393' - 12804' Frac w/ 35,100# in 135,576 Gals
Zone #8 - Mancos 'B' - 11891' - 12334' Frac w/ 79,500# in 179,508 Gals
Zone #9 - Blackhawk - 11432' - 11786' Frac w/ 86,500# in 155,400 Gals
Zone #10 - Lower Mesa Verde - 10195' - 10540' Frac w/ 93,500# in 66,612 Gals
Zone #11 - Lower Mesa Verde - 9149' - 9357' Frac w/ 78,900# in 65,814 Gals
Zone # 12 - Mesa Verde - 8420' - 8540' Frac w/ 122,000# in 75,726 Gals
Zone #13 - Wasatch - 7194' - 7271' Frac w/ 41,000# in 27,930 Gals
Zone #14 - Wasatch - 6900' - 7025' Frac w/ 89,300# in 53,550 Gals
Tbg was not run at this time

FIELD: UNDESIGNATED | GL: 4,819' KBE: 4,845' | Spud Date: 2/23/07 Completion Date: 5/30/07

Well: GB 8D 20 8 22 | TD: 16,309' PBTD: 16,260' | Current Well Status: Flowing Gas Well



12934' - 12935'
12972' - 12973'
13027' - 13028'
13053' - 13054'
13100' - 13101'
13165' - 13166'
13263' - 13264'
13333' - 13334'

13427' - 13428'
13507' - 13508'
13532' - 13533'
13608' - 13609'
13665' - 13666'
13713' - 13714'
13770' - 13771'
13819' - 13820'

13934' - 13935'
13981' - 13982'
14034' - 14035'
14108' - 14109'
14162' - 14163'
14198' - 14199'
14271' - 14272'
14337' - 14338'

Mancos
14449' - 14450'
14476' - 14477'
14514' - 14515'
14594' - 14595'
14681' - 14682'

Frontier
14809' - 14810'
14853' - 14854'
14929' - 14930'

15060' - 15061'
15153' - 15154'
15188' - 15189'
15267' - 15268'
15324' - 15325'
15380' - 15381'
15466' - 15467'

Dakota Silt
15596' - 15598'
15676' - 15680'
15752' - 15756'
15758' - 15760'

Dakota
15868' - 15872'
15907' - 15909'
15996' - 15998'
16005' - 16013'

PBTD @ 16,260'

TD @ 16,309'

Production Casing
Size: 4-1/2"
Weight: 15.1#
Grade: P-110 & Q-125
Cmtd w/ 1,020 sxs
Set @ 16,306'
Hole size: 6-1/8"

Prepared By: Dahn Caldwell

Date: 6/15/07

CONFIDENTIAL

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.: **UTU-69001**

6. If Indian, Allottee or Tribe Name: **N/A**

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation: **Glen Bench**

1. Type of Well
Oil Well [ ] Gas Well [X] Other [ ]

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8. Well Name and No.: **GB 8D-20-8-22**

2. Name of Operator
QUESTAR EXPLORATION AND PRODUCTION COMPANY

9. API Well No.: **43-047-37665**

3. Address and Telephone No.
1050 17TH Street, Suite 500 Denver, CO 80265 **Contact: Debbie Stanberry** **Phone: (303) 308-3068**

10. Field and Pool, or Exploratory Area: **Glen Bench**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2157' FNL, 966' FEL; SENE S20-T8S-R22E

COPY SENT TO OPERATOR
Date: 6·10·2008
Initials: KS

11. County or Parish, State: **UINTAH COUNTY, UTAH**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans	
	[ ] *Recompletion*	[ ] New Construction	
[ ] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing	
	[ ] Casing Repair	[ ] Water Shut-Off	
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection	
	[X] Other **Commingling**	[ ] Dispose Water	

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

"In compliance with the stated objectives of the Federal Regulations for Onshore Oil & Gas Operations and the applicable Federal Unit Agreement, Questar Exploration and Production Company hereby requests the commingling of production between intervals in the GB 8D 20 8 22. Questar considers this commingling to be in the public interest in that it promotes maximum ultimate economic recovery, prevents waste, provides for orderly and efficient production of oil and gas and presents no detrimental effects from commingling the four gas streams.

Questar requests approval for the commingling of production between the Mesa Verde, Wasatch, Frontier, and Dakota intervals. A production log was run on June 21, 2007 (see attachment) to determine the production allocation for each formation. That allocation would be:

Wasatch Production:	**23%**
Mesa Verde Production:	**38%**
Frontier Production:	**16%**
Dakota Production:	**23%**

RECEIVED
SEP 14 2007
DIV. OF OIL, GAS & MINING

On an annual basis the gas will be sampled and a determination will be made of the BTU content and gas constituents. These annual samples can be used to determine if the gas allocation is changing over time. If these samples do not indicate that any adjustments in allocation are necessary they may be discontinued after the fifth anniversary of the initial production.

14. I hereby certify that the foregoing is true and correct.
Signed Debra K. Stanberry Title **Supervisor, Regulatory Affairs** Date **9/11/2007**

(This space for Federal or State office use)

Approved by: Title Date

Conditions of approval, if any

REQUEST DENIED
Utah Division of
Oil, Gas and Mining
Date: 6/5/08
By: See attached Sheet

Federal Approval Of This Action Is Necessary

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

Fluid Entry Results

	Company:	Questar
	Well:	GB 8D-20-8-22
	Date:	21-Jun-07
	Field:	
Metered Rates	Gas:	1.4-1.6 mmcf/d
	Water:	380 B/D

Reservoir Zone	Perforations Depth (ft)	Gas		Water	
		Surface mmcf/d	%	Surface B/D	%
Wasatch	6900-6902	0.41	22.78%		
Wasatch	6934-6944			162.0	27.60%
Mesa Verde	8420-8426	0.29	16.11%		
Mesa Verde	9175*	0.22	12.22%		
Lower Mesa Verde	10390-10392	0.18	10.00%		
Blackhawk	11432-11440			104.0	17.72%
Mancos	12233			104.0	17.72%
Mancos	12719			Likely	
Mancos	13263			122.0	20.78%
Mancos	13427			Likely	
Mancos	13665			95.0	16.18%
Mancos	14162	Trace			
Mancos/Frontier	14681	0.01	0.56%		
Mancos/Frontier	14809	Trace			
Frontier	15267	Trace			
Frontier	15466	0.27	15.00%	Possible	

Dakota Silt	15676-15680	Trace			
Dakota Silt	15752-15756	Trace			
Dakota	15868-15872	0.41	22.78%		
Dakota	16005-16013	0.01	0.56%		
	Total:	**1.80 mmcf/d**	**100%**	**587 B/D**	**100%**

*NOTE: Not on perf sheets; CCL indicates perfs at 9149' and 9175'.

SMOLEN ASSOCIATES

PLATO PRODUCTION LOG ANALYSIS REPORT

Name of Well: QUESTAR GB 8D-20-8-22
Name of Analyst: Jim Smolen
Date of Analysis: Mon Jun 25 15:34:25 2007
Company: QUESTAR

SMOLEN ASSOCIATES
2122 N. FOUNTAIN VALLEY
MISSOURI CITY, TEXAS USA 77459-3647
281 438-1141
smolen@pdq.net

Overview

The production log analysis was performed based on a global stochastic optimization technique.
In this technique a flow model was compared to all available data and improved until the best possible match with the data was obtained. A comparison, between the model and the data, is shown in this report and allows to identify remaining discrepancies. These can be due to tool deficiencies, conflicts between the parameters or conditions that make the underlying empirical models (such as flow regimes) less applicable.
The flow regimes were determined, directly from the flow rates and holdups, according to the Dukler - Taitel analytic model.
The profile factors, to calculate the average effective fluid velocity from the apparent velocity, were based on the Reynolds numbers, calculated from the phase velocities and phase properties.
Where gas was present the density, heat capacity and Joule-Thompson coefficients were derived from the Lee Kesler Pitzer equation of states.
Solution gas in oil was derived from the Vasquez and Beggs or Ostein Glas0 correlation.

The analysis was performed in five steps:

- The data preparation to filter the data, compute gradients and error estimates.
- The flow meter analysis to compute the apparent velocity.
- The profile determination to identify the potential producing and/or injecting zones.
- The computation of the flow rates by global optimization.
- The computation of surface productions and reporting.

For each analysis step, a summary of results and input parameters is provided in the report.

Under the assumptions made during the analysis and described hereafter the following production/injection rates were found:

Depth		Profile	Qp-Water-STP	Qp-Oil-STP	Qp-Gas-STP
feet			BFPD	BFPD	MCFD
Surface	6650.00	Flow	0	0	0
6650.00	6885.00	Flow	0	0	0
6885.00	6928.50	Produce	.000183	0	406
6928.50	6959.00	Produce	161	0	.197
6959.00	7036.00	Produce	.000979	0	.141
7036.00	8403.00	Flow	0	0	0
8403.00	8457.00	Produce	0	0	282
8457.00	9152.00	Flow	0	0	0
9152.00	9200.50	Produce	0	0	214
9200.50	9333.50	Flow	0	0	0
9333.50	9379.50	Produce	0	0	.462
9379.50	10315.00	Flow	0	0	0
10315.00	10414.50	Produce	0	0	173
10414.50	11393.50	Flow	0	0	0

11393.50	11475.00	Produce	103	0	.848
11475.00	12206.00	Flow	0	0	0
12206.00	12257.00	Produce	103	0	2.42
12257.00	12696.50	Flow	0	0	0
12696.50	12735.00	Produce	.00655	0	1.87
12735.00	13231.00	Flow	0	0	0
13231.00	13292.00	Produce	123	0	1.42
13292.00	13402.00	Flow	0	0	0
13402.00	13458.50	Produce	.00606	0	2.08
13458.50	13634.50	Flow	0	0	0
13634.50	13691.00	Produce	96.2	0	1.52
13691.00	14138.00	Flow	0	0	0
14138.00	14176.50	Produce	.00430	.0533	2.29
14176.50	14662.00	Flow	0	0	0
14662.00	14690.00	Produce	0	1.02	2.85
14690.00	14777.00	Flow	0	0	0
14777.00	14818.00	Produce	0	0	1.70
14818.00	15244.50	Flow	0	0	0
15244.50	15288.00	Produce	0	0	.937
15288.00	15451.50	Flow	0	0	0
15451.50	15495.00	Produce	0	0	270
15495.00	15630.50	Flow	0	0	0
15630.50	15687.00	Produce	0	0	.251
15687.00	15730.50	Flow	0	0	0
15730.50	15758.50	Produce	0	0	.224
15758.50	15858.00	Flow	0	0	0
15858.00	15878.50	Produce	0	0	410
15878.50	15988.50	Flow	0	0	0
15988.50	16011.50	Produce	.359	.0232	11.8
16011.50	16075.30	WellBottom	0	0	0
16075.30	Bottom	WellBottom	ABSENT	ABSENT	ABSENT

Well information

The Well was analyzed as a three phase production Well.
The tool diameter was 1.69 in and the reported pipe diameter and deviation were:

DPipe	**in**	3.83
PipeAngle	**DegAng**	0

The following surface production rates were reported:

QWaterSurf	**BFPD**	ABSENT
QOilSurf	**BFPD**	0
QGasSurf	**MMCFD**	ABSENT

PVT information

The water density and viscosity were calculated using a salinity of 35000 ppm. The Craft & Hawkins correlation was used. The oil density and viscosity were calculated using an oil gravity of 30.0 API. The Vasquez & Beggs correlation was used to calculate the solution gas. Viscosity was calculated using the Beggs & Robinson correlation. The Pc and Tc parameters were calculated using the Brown et al. correlation. The gas viscosity was calculated using the Lee Gonzales Eakin correlation.
The following gas parameters were used:

GasType		Miscellaneous
SPGG	**UNITY**	.620
GP-CO2	**UNITY**	0
GP-H2S	**UNITY**	0
GP-Nitrogen	**UNITY**	0

From the above fluid information, temperature and pressure the following fluid properties, at Well conditions, were calculated:

Depth	**Rho-Water**	**Visco-Water**	**Rho-Oil**	**Visco-Oil**	**Rsb**	**Rho-Gas**	**Visco-Gas**
Feet	**g/cc**	**cP**	**g/cc**	**cP**	**ft3/bbl**	**g/cc**	**cP**
6650.00	.997	.357	.831	3.63	264	.0872	.0163
7697.50	.993	.334	.818	3.38	276	.0902	.0167
8744.50	.990	.316	.823	3.25	290	.0936	.0170
9792.00	.986	.299	.819	3.10	306	.0976	.0174
10839.00	.982	.283	.815	2.95	324	.102	.0178
11886.50	.978	.269	.811	2.82	341	.106	.0182
12933.50	.973	.254	.807	2.68	355	.109	.0186
13981.00	.967	.240	.803	2.56	367	.111	.0190
15028.00	.960	.226	.797	2.43	378	.113	.0194

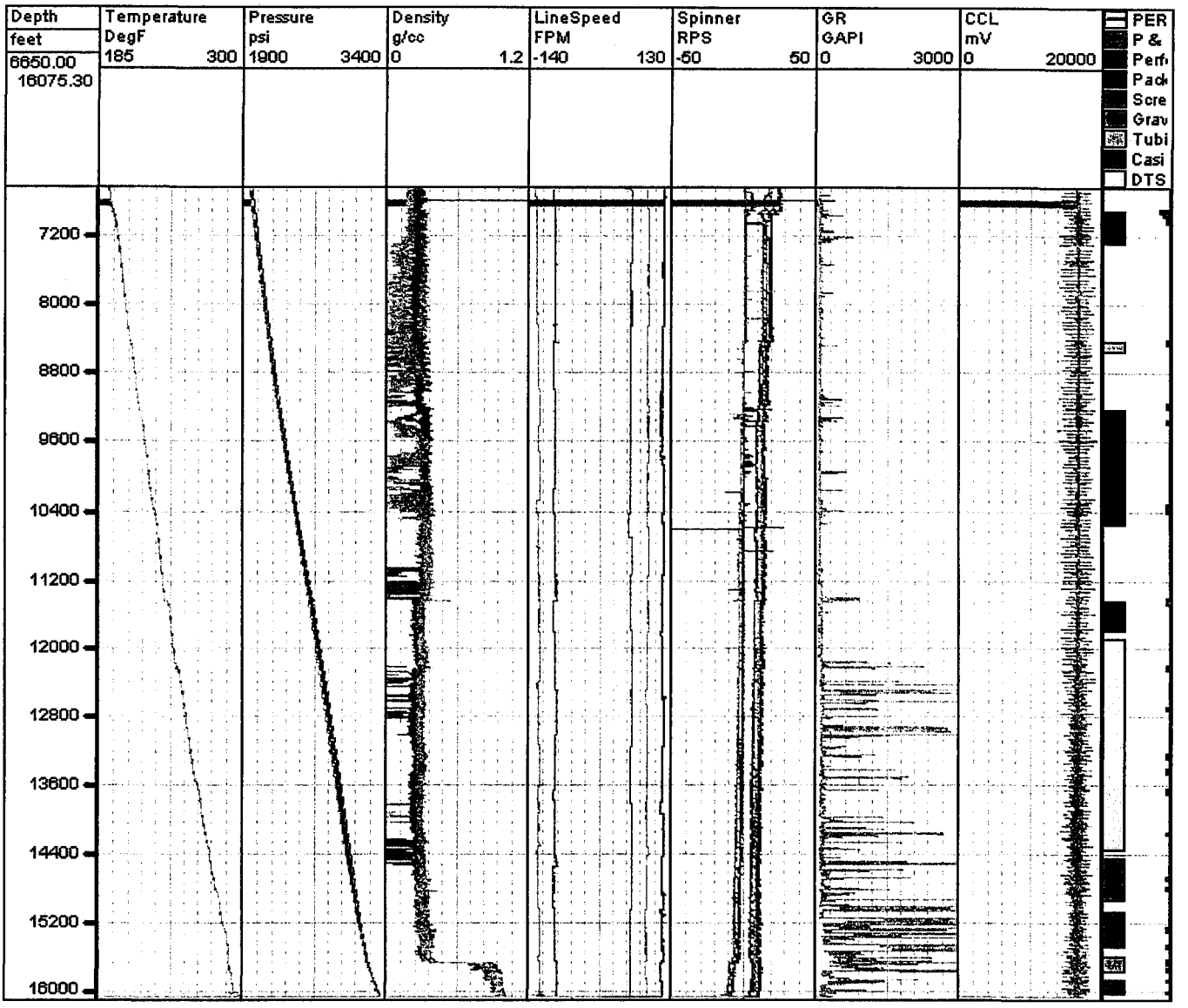
16075.50	1.00	.404	.838	4.07	348	.114	.0173

Tool Information

For fluid identification the pressure gradient and fluid density tools were used.

The Logging Data

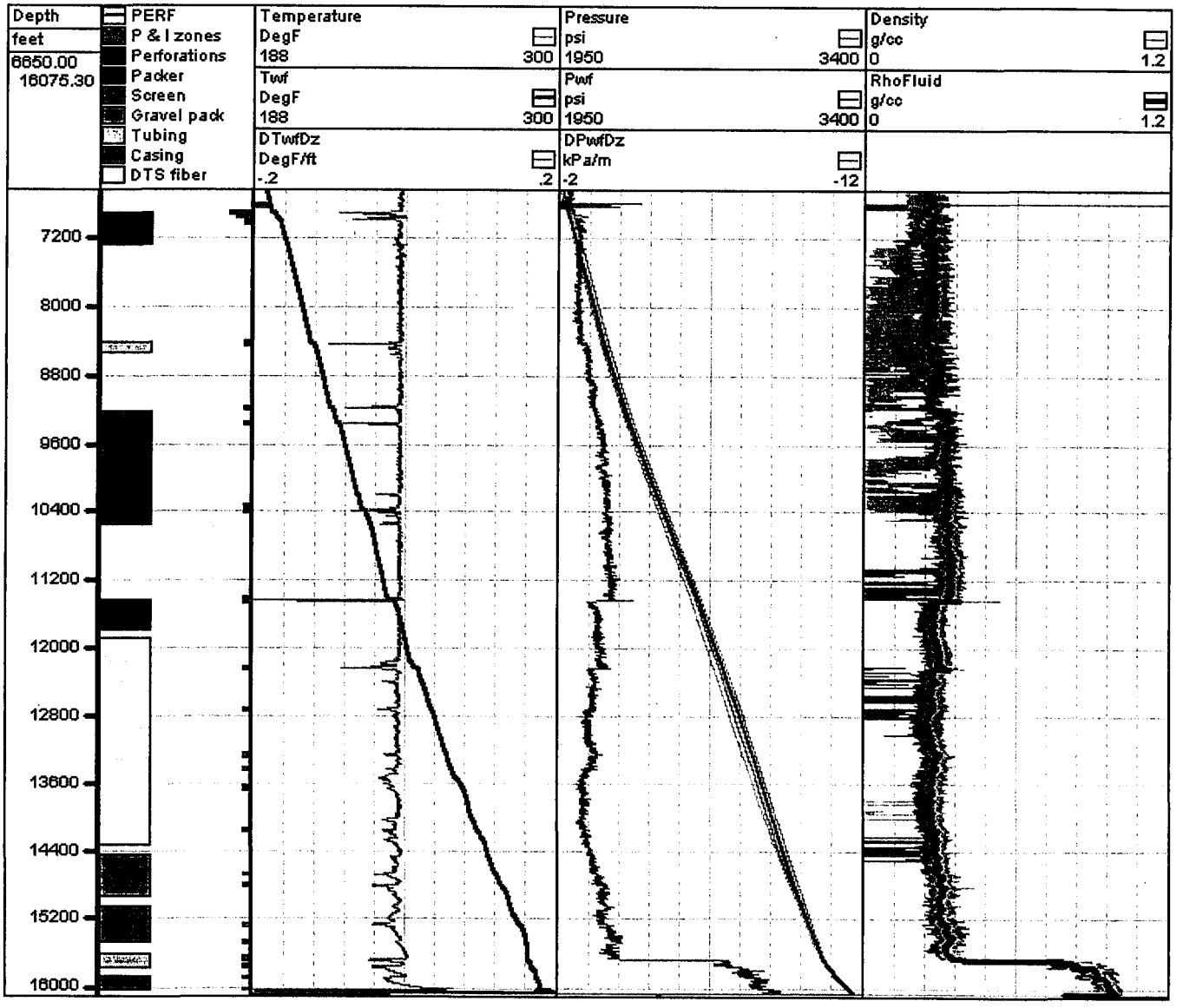
The figure below summarizes the input data recorded at the Well side.
Each pass is shown with a fixed predefined color.



Note that perforated intervals in the various formations have been color coded to help visualize the contributing formations. Individual producing perforations are listed in the Conclusion section.

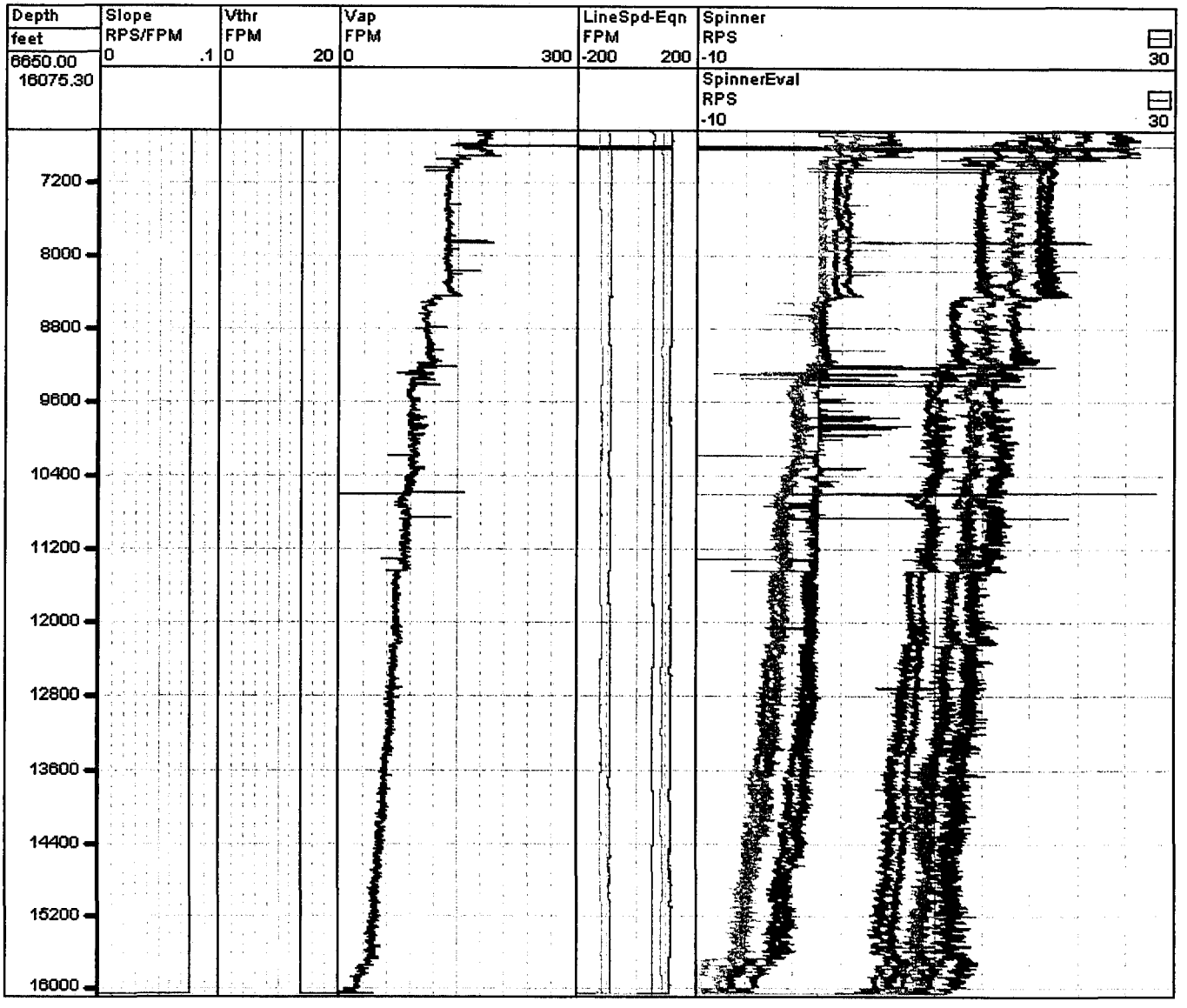
Data preparation

Before performing the analysis, the log data was filtered and spikes were removed. In some cases several passes were averaged to obtain a more accurate measurement.
The figure below shows the result of this computation. Each pass is shown with a fixed predefined color. For temperature and pressure the gradients along the Well bore were calculated. The curve names are respectively DTwfDz for the temperature gradient and DPwfDz for the pressure gradient.
Each output log is associated with an estimate of the error. The error curves have the following names: *Tool*-ERP.

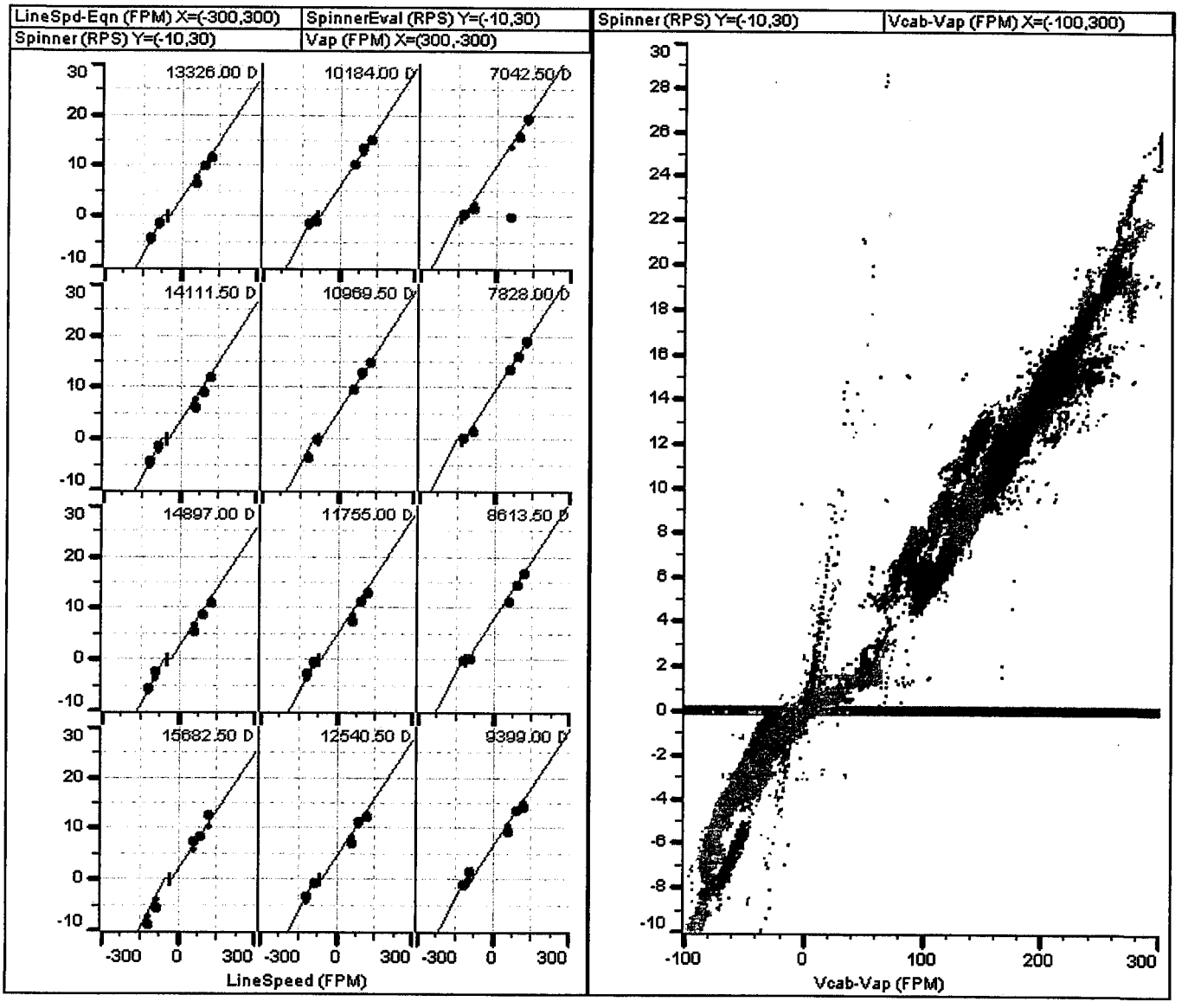


Computation of the apparent velocity

The spinner was analyzed to calculate the apparent velocity at each depth. The spinner sensitivity (Slope) and threshold (Vthr) were calculated globally (held constant over zones) and are shown in the figure below. The figure shows a comparison between the flowmeter data and the flowmeter values calculated for each cable speed, with the globally determined slope and intercept.
For each cable speed a different color is used.
The data is shown as solid lines and the calculated values in dotted lines.
For a good calibration the solid lines and dotted lines should match for each pass (color).

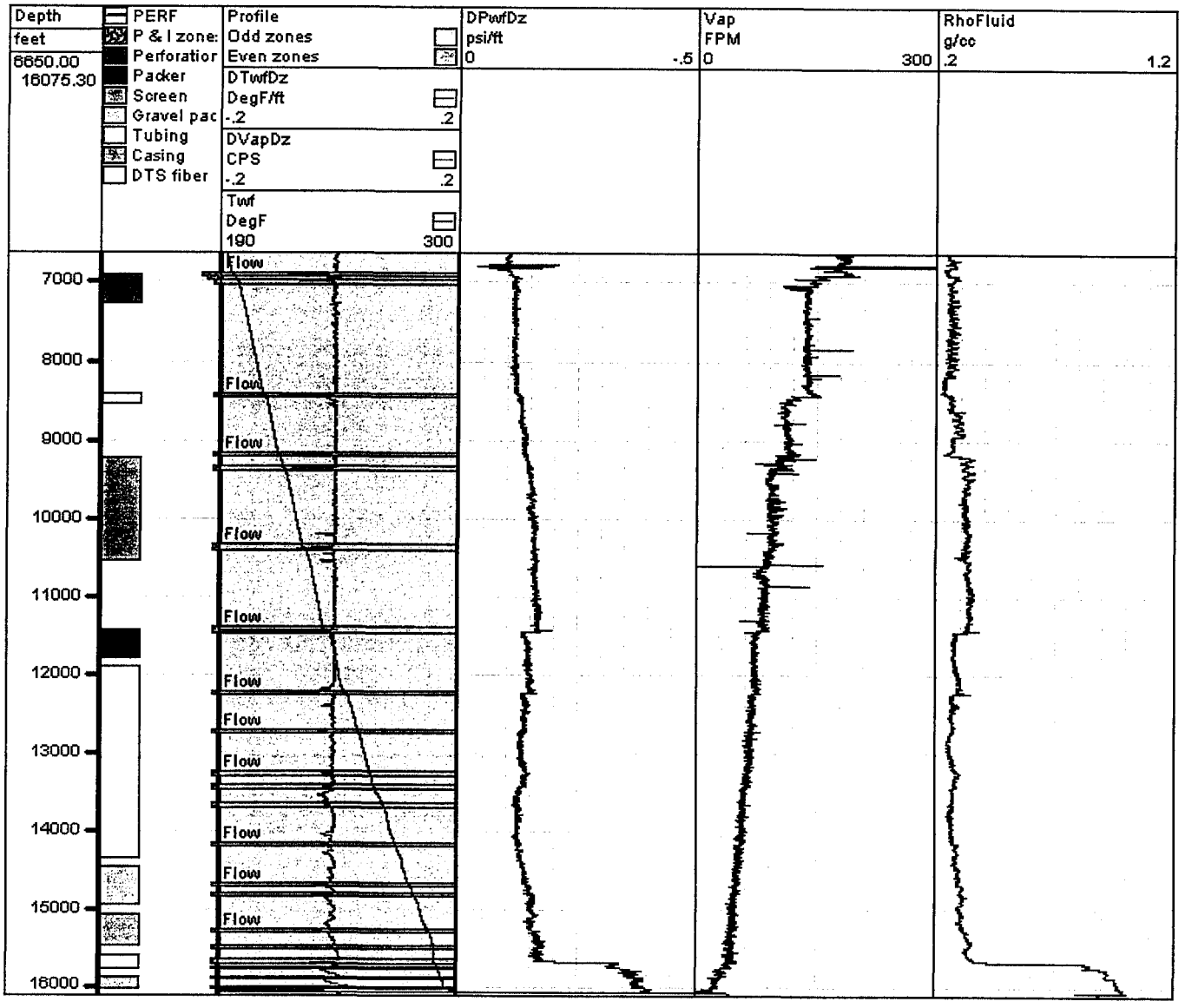


The quality of the data and calibration can be judged from the figure below.
The cross plots to the left show a comparison of the data and calculated values at selected depths. The blue dots represent the data while the red line and dots represent the calculated values.
To the right a cross plot is presented with all the flowmeter data.
Each pass is shown with a fixed predefined color.
To allow a comparison of all the data, the cable speed is corrected for the apparent velocity of the fluids.
A good calibration will result in data points clustered along a straight or broken line.



Determination of the flow profile

Starting from the pre-processed data, the perforations, the temperature and apparent velocity the production, injection and flowing zones can be established. The figure below summarizes the pre-processed data and the zoning of the Profile parameter. This parameter specifies if the zone is producing, injecting or simply flowing. The coloring of the profile is only to visualize the range of each zone. Within each producing/injecting zone the production/injection rate is constant. However, several producing/injecting zones, with different rates, can be used to capture the variations in the production (injection) rate.
In the profile track the apparent velocity (Vap) and temperature gradient are shown. The temperature gradient is a sensitive indicator of changes in flowrate even behind the casing.



Determination of the flow rates

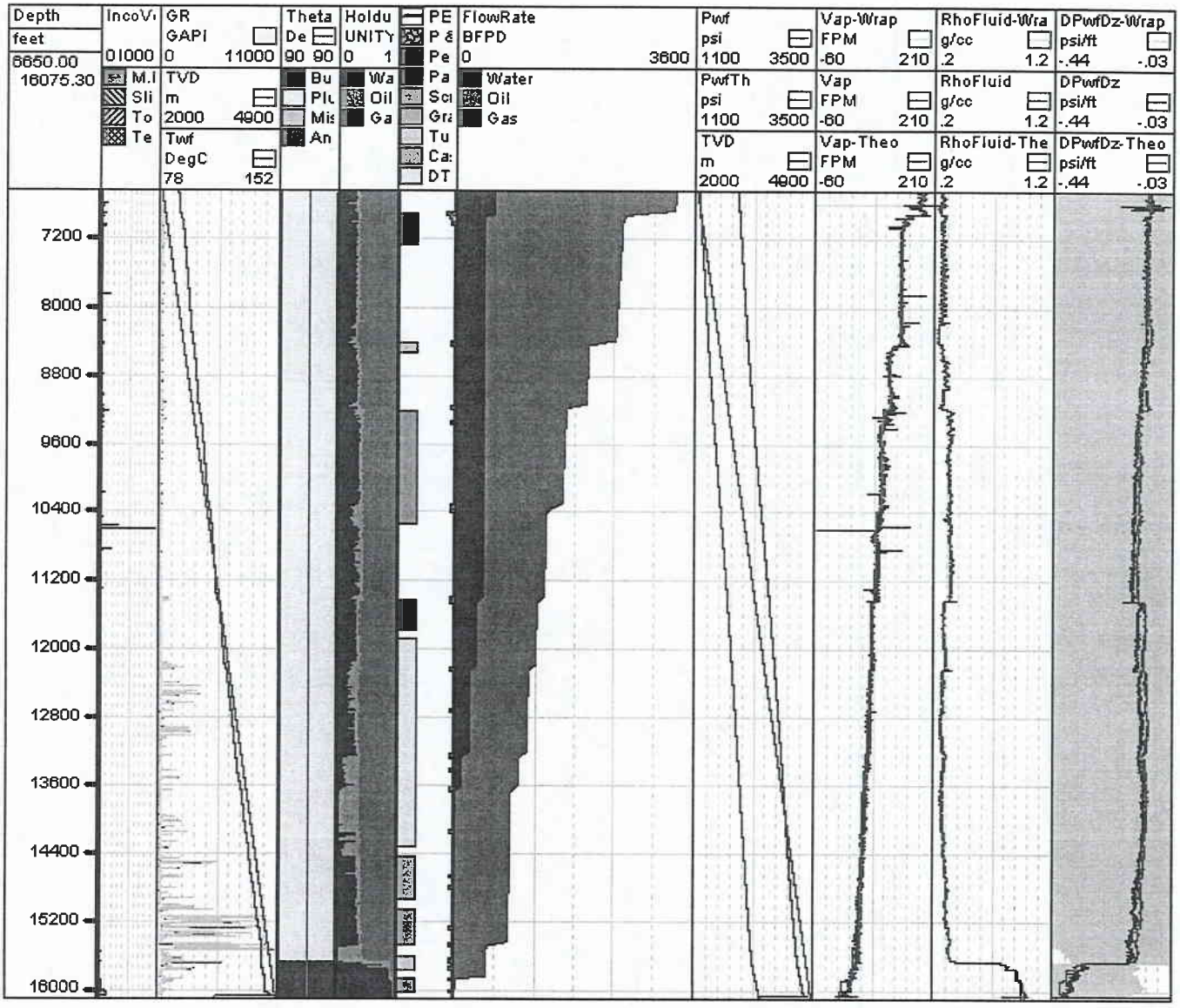
The quantitative production rates were determined by comparing the Well flow model with all available data. In addition constraints on the surface flow rates and material balance were imposed.

After a global optimization the following production and flow rates were found.

Depth		Profile	Q-Water-STP	Qp-Water-STP	Q-Oil-STP	Qp-Oil-STP	Q-Gas-STP	Qp-Gas-STP
feet			BFPD	BFPD	BFPD	BFPD	MCFD	MCFD
Surface	6650.00	Flow	586	0	1.02	0	1786	0
6650.00	6885.00	Flow	586	0	1.02	0	1786	0
6885.00	6928.50	Produce	586	.000183	1.02	0	1786	406
6928.50	6959.00	Produce	586	161	1.02	0	1380	.197
6959.00	7036.00	Produce	425	.000979	1.03	0	1380	.141
7036.00	8403.00	Flow	425	0	1.03	0	1380	0
8403.00	8457.00	Produce	425	0	1.03	0	1380	282
8457.00	9152.00	Flow	425	0	1.04	0	1098	0
9152.00	9200.50	Produce	425	0	1.04	0	1098	214
9200.50	9333.50	Flow	425	0	1.05	0	884	0
9333.50	9379.50	Produce	425	0	1.05	0	884	.462
9379.50	10315.00	Flow	425	0	1.05	0	883	0
10315.00	10414.50	Produce	425	0	1.05	0	883	173
10414.50	11393.50	Flow	425	0	1.06	0	711	0
11393.50	11475.00	Produce	425	103	1.06	0	711	.848
11475.00	12206.00	Flow	322	0	1.06	0	710	0
12206.00	12257.00	Produce	322	103	1.06	0	710	2.42
12257.00	12696.50	Flow	219	0	1.06	0	707	0
12696.50	12735.00	Produce	219	.00655	1.06	0	707	1.87
12735.00	13231.00	Flow	219	0	1.06	0	705	0
13231.00	13292.00	Produce	219	123	1.06	0	705	1.42
13292.00	13402.00	Flow	96.2	0	1.07	0	704	0
13402.00	13458.50	Produce	96.2	.00606	1.07	0	704	2.08
13458.50	13634.50	Flow	96.2	0	1.07	0	702	0
13634.50	13691.00	Produce	96.2	96.2	1.07	0	702	1.52
13691.00	14138.00	Flow	.00430	0	1.07	0	700	0
14138.00	14176.50	Produce	.00430	.00430	1.07	.0533	700	2.29
14176.50	14662.00	Flow	0	0	1.02	0	698	0
14662.00	14690.00	Produce	0	0	1.02	1.02	698	2.85
14690.00	14777.00	Flow	0	0	0	0	695	0
14777.00	14818.00	Produce	0	0	0	0	695	1.70
14818.00	15244.50	Flow	0	0	0	0	694	0
15244.50	15288.00	Produce	0	0	0	0	694	.937
15288.00	15451.50	Flow	.0492	0	.00164	0	693	0

15451.50	15495.00	Produce	.0492	0	.00164	0	693	270
15495.00	15630.50	Flow	.154	0	.00950	0	422	0
15630.50	15687.00	Produce	.154	0	.00950	0	422	.251
15687.00	15730.50	Flow	.214	0	.0133	0	422	0
15730.50	15758.50	Produce	.214	0	.0133	0	422	.224
15758.50	15858.00	Flow	.276	0	.0173	0	422	0
15858.00	15878.50	Produce	.276	0	.0173	0	422	410
15878.50	15988.50	Flow	.359	0	.0232	0	11.8	0
15988.50	16011.50	Produce	.359	.359	.0232	.0232	11.8	11.8
16011.50	16075.30	WellBottom	0	0	0	0	0	0
16075.30	Bottom	WellBottom	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT

To judge on the agreement of the flow model with the data, the figure below is provided.
In this figure the data is represented by the blue curves, while the calculated tool values are shown in red. The uncertainty interval is represented as a gray band around the data. It corresponds to one standard deviation.
The small fluctuations around the data are to be expected, since the tools have intrinsic errors. Large sustained discrepancies indicate problems with the data, conflicts between parameters or conditions that make the underlying empirical models less applicable.
The first curve to the left is the incoherence or total deviation for the depth. This incoherence includes the constraint terms for each tool, the slip velocities, material balance and surface production rates in the upper zone.
The third curve from the left shows the flow regimes. Within the transition zones several regimes can exists intermittently.
The fourth curve from the left is the holdup or relative effective cross section of the pipe used by each phase. The fifth curve from the left shows the perforations and production intervals. To differentiate adjacent producing (injecting) zones, incremental values are used for the ProfileFlag. The sixth curve from the left shows the flow rate fractions of each phase at Well conditions.


Depth
feet
6650.00
16075.30
IncoVi
01000
M.I
Sli
To
Te
GR
GAPI
0 11000
TVD
m
2000 4900
Twf
DegC
78 152
Theta
De
90 90
Bu
Plu
Mis
An
Holdu
UNITY
0 1
Wa
Oil
Ga
PE
P &
Pe
Pa
Sci
Gra
Tu
Ca:
DT
FlowRate
BFPD
0 3600
Water
Oil
Gas
Pwf
psi
1100 3500
PwfTh
psi
1100 3500
TVD
m
2000 4900
Vap-Wrap
FPM
-60 210
Vap
FPM
-60 210
Vap-Theo
FPM
-60 210
RhoFluid-Wra
g/cc
.2 1.2
RhoFluid
g/cc
.2 1.2
RhoFluid-The
g/cc
.2 1.2
DPwfDz-Wrap
psi/ft
-.44 -.03
DPwfDz
psi/ft
-.44 -.03
DPwfDz-Theo
psi/ft
-.44 -.03
7200
8000
8800
9600
10400
11200
12000
12800
13600
14400
15200
16000

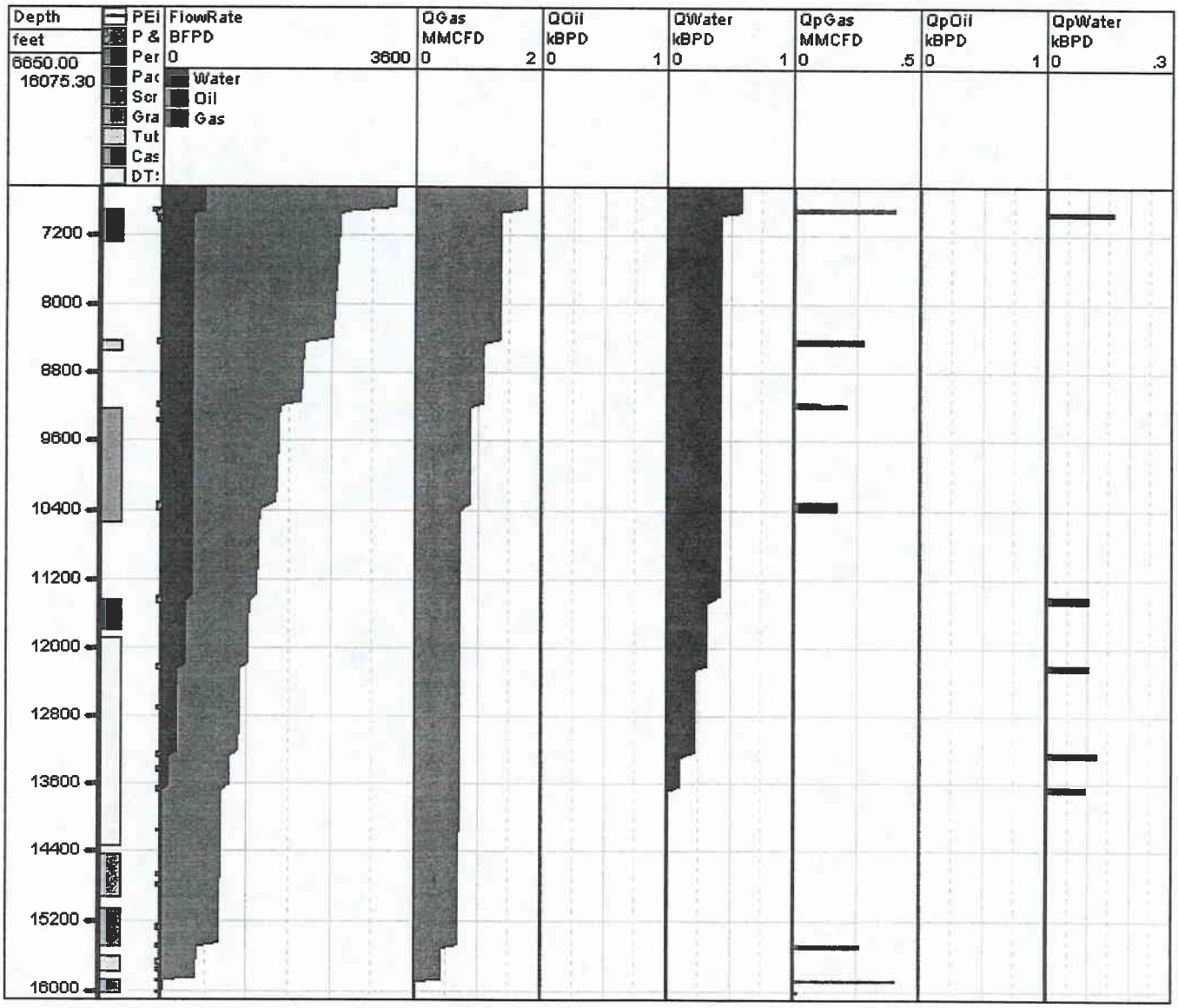
Computation of production rates at surface conditions

The production rates at surface conditions are summarized below.

Depth		Profile	Qp-Water-STP	Qp-Oil-STP	Qp-Gas-STP
feet			BFPD	BFPD	MCFD
Surface	6650.00	Flow	0	0	0
6650.00	6885.00	Flow	0	0	0
6885.00	6928.50	Produce	.000183	0	406
6928.50	6959.00	Produce	161	0	.197
6959.00	7036.00	Produce	.000979	0	.141
7036.00	8403.00	Flow	0	0	0
8403.00	8457.00	Produce	0	0	282
8457.00	9152.00	Flow	0	0	0
9152.00	9200.50	Produce	0	0	214
9200.50	9333.50	Flow	0	0	0
9333.50	9379.50	Produce	0	0	.462
9379.50	10315.00	Flow	0	0	0
10315.00	10414.50	Produce	0	0	173
10414.50	11393.50	Flow	0	0	0
11393.50	11475.00	Produce	103	0	.848
11475.00	12206.00	Flow	0	0	0
12206.00	12257.00	Produce	103	0	2.42
12257.00	12696.50	Flow	0	0	0
12696.50	12735.00	Produce	.00655	0	1.87
12735.00	13231.00	Flow	0	0	0
13231.00	13292.00	Produce	123	0	1.42
13292.00	13402.00	Flow	0	0	0
13402.00	13458.50	Produce	.00606	0	2.08
13458.50	13634.50	Flow	0	0	0
13634.50	13691.00	Produce	96.2	0	1.52
13691.00	14138.00	Flow	0	0	0
14138.00	14176.50	Produce	.00430	.0533	2.29
14176.50	14662.00	Flow	0	0	0
14662.00	14690.00	Produce	0	1.02	2.85
14690.00	14777.00	Flow	0	0	0
14777.00	14818.00	Produce	0	0	1.70
14818.00	15244.50	Flow	0	0	0
15244.50	15288.00	Produce	0	0	.937
15288.00	15451.50	Flow	0	0	0
15451.50	15495.00	Produce	0	0	270
15495.00	15630.50	Flow	0	0	0
15630.50	15687.00	Produce	0	0	.251

15687.00	15730.50	Flow	0	0	0
15730.50	15758.50	Produce	0	0	.224
15758.50	15858.00	Flow	0	0	0
15858.00	15878.50	Produce	0	0	410
15878.50	15988.50	Flow	0	0	0
15988.50	16011.50	Produce	.359	.0232	11.8
16011.50	16075.30	WellBottom	0	0	0
16075.30	Bottom	WellBottom	ABSENT	ABSENT	ABSENT

A graphical representation of the production profile is shown in the figure below. The curves QGas, QOil and QWater are the flow rates, for each depth, at surface conditions. The curves QpGas, QpOil and QpWater are the production rates at surface conditions.
Notice: These rates are the total amount produced in the zone.



Conclusions

The following chart indicates which log sensors detect entries and, if possible, the type of fluid entering. The key used is gas=g, water=w, trace=tr, entry=ent. NOTE that an indication of g does not preclude the entry of water at that point and vice versa. The fluid volumes specified are at surface conditions, and if the PLATO computation is grossly different than the production rate reported, the gas production may also be reported as a percentage of the total gas production. MMCFD=mm, water=BWD. Comments may be added as well as ? marks to indicate further uncertainty.

The final PLATO INT is the quantitative evaluation from PLATO, but may include an additional small amount of another fluid if warranted from non-quantitative log data. Note that only producing perforations are listed.

PERFS	TEMP	dP/dZ	RHO	VAP	PLATO INT
WASATCH					
6934-44	ent	g	-	ent	162BWD
6900-02	ent		ent	ent	.41mm
6972-74	ent	-	-	-	-
MESA VERDE					
8420-26	ent	g	g	ent	.29mm
LOWER MESA VERDE					
9175**	ent	g	g	ent	.22mm NOTE that this entry is above the LMV perfs!
9353-57	ent	-	-	ent	-
10390-92	ent	g	g	ent	.18mm
BLACKHAWK					
11432-40	ent	w	w	ent	104BWD
MANCOS					
12233	ent	w	w	ent	104BWD +g tr
12719	ent	w	w	ent	Water entry likely
13263	ent	g	g	ent	122BWD + gas likely
13427	ent	w	w	ent	Water entry likely
13665	ent	-	w	ent	95BWD
14162	ent	g	g	ent	g tr
MANCOS/FRONTIER					
14681	ent	g	g	ent	.01mm
14809	ent	g	g	ent	g tr
FRONTIER					
15267	ent	g	g	ent	g tr
15466	ent	w	w	ent	.27mm + W possible
DAKOTA SILT					
15676-80	ent	g	g	ent	g tr
15752-56	ent	g	g	ent	g tr
DAKOTA					
15868-72	ent	g	g	ent	.41mm
16005-13	g	g	g	ent	.01mm

Note that PLATO computed slightly higher gas and water rated than reported.

INTENTS TO COMMINGLE MULTIPLE POOLS IN ONE WELLBORE (R649-3-22)

1. An affidavit of notice and a plat were not submitted as required by R649-3-22.

2. Future requests for commingling shall include all parts required by R649-3-22 and shall be submitted together as one request, not in separate parts.

From: "Debbie Stanberry" <Debbie.Stanberry@questar.com>
To: "Dustin Doucet" <dustindoucet@utah.gov>
Date: 11/2/2007 11:40 AM
Subject: RE: Commingling Requests

Just to let you know I have not forgotten this. I will follow up with our land department next week and hopefully will have the additional information to forward on to you. Thank you for your patience and have a good weekend.

Debbie Stanberry
(303) 308-3068

-----Original Message-----
From: Dustin Doucet [mailto:dustindoucet@utah.gov]
Sent: Wednesday, October 24, 2007 11:47 AM
To: Debbie Stanberry
Subject: Commingling Requests

Debbie,

I received 4 requests back in September and was getting ready to approve them, but did not have all the info required by our rule R649-3-22. A plat of all wells overlaying the pool, contiguous leases etc. is needed along with an affidavit that the application for commingling has been sent to all owners. The wells in question are as follows:

GB 16ML 20-8-22 API 4304737664
NBE 7ML 26-9-23 API 43-047-36587
GH 15ML 18-8-21 API 43-047-35323
GB 8D-20-8-22 API 43-047-37665

Let me know if you have questions. Thanks.

Dustin

Dustin K. Doucet
Petroleum Engineer
Utah Division of Oil, Gas and Mining
Oil and Gas Program
1594 West North Temple, Suite 1210
Salt Lake City, UT 84116

Phone: (801) 538-5281
fax: (801) 359-3940
email: dustindoucet@utah.gov

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

5. Lease Serial No.
UTU 69001

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
N/A

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other CONFIDENTIAL

8. Well Name and No.
GB 8D-20-8-22

2. Name of Operator **Questar Exploration and Production Inc.**

9. API Well No.
43-047-37665

3a. Address
11002 E. 17500 S. VERNAL, UT 84078-8526

3b. Phone No. *(include area code)*
435-781-4341

10. Field and Pool, or Exploratory Area

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
2157' FNL, 966' FEL, SENE, SECTION 20, T8S, R22E, SLBM

11. County or Parish, State
Uintah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☑ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The operator requests approval to isolate water in this well as follows:

1. **Set composite BP at ±8490'. Set cement retainer at ±8410'**
2. **RIH with tubing, sting into retainer and obtain injection rate**
3. **Squeeze perfs (8420'-26', 8437'-39', 8470'-74')**
4. **Drill out retainer, cement and BP**
5. **Return well to production**

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Kirk Fleetwood **Kirk.Fleetwod@Questar.com**

Title **Petroleum Engineer**

Signature

Date **11/26/2007**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Accepted by the Utah Division of Oil, Gas and Mining
Date: 12/07
By:

Federal Approval Of This Action is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

COPY SENT TO OPERATOR
Date: 12/3/2007
Initials: KS

RECEIVED
NOV 29 2007
DIV. OF OIL, GAS & MINING

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: **UTU-69001**

6. If Indian, Allottee or Tribe Name: **NA**

7. If Unit or CA, Agreement Designation: **Glen Bench**

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other

8. Well Name and No.: **GB 8D-20-8-22**

2. Name of Operator: **QEPUinta Basin, Inc.**

9. API Well No.: **43-047-37665**

3. Address and Telephone No.: **11002 E. 17500 S. Vernal, UT 84078, (435) 781-4331**

10. Field and Pool, or Exploratory Area: **Glen Bench**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description): **SW SE NE, 2157 FNL 966 FEL, SECTION 20, T8S, R22E**

11. County or Parish, State: **UINTAH, UT**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans	
	[ ] Recompletion	[ ] New Construction	
[ ] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing	
	[ ] Casing Repair	[ ] Water Shut-Off	
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection	
	[X] Other **Wildcat tax credit application**	[ ] Dispose Water	

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Questar requests that the wildcat tax credit be applied to the GB 8D-20-8-22 well. This is the first well in the Mancos / Dakota pool within a one mile radius (see attached map). Offset wells include:

Well Name	API	TD	Formation at TD
- OU GB 7W-20-8-22	43047347050000	7825	Wasatch
- GB 16ML-20-8-22	43047376640000	10950	Mesaverde
- etc.			

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 9/25/08
BY: [signature]

cc: Tax Commission (emailed)

* for Mancos, Frontier, Dakota Formations only
** See attached Statement of Basis

RECEIVED
JUN 02 2008
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Signed [signature] Title Sr Geologist Date 29 May 08

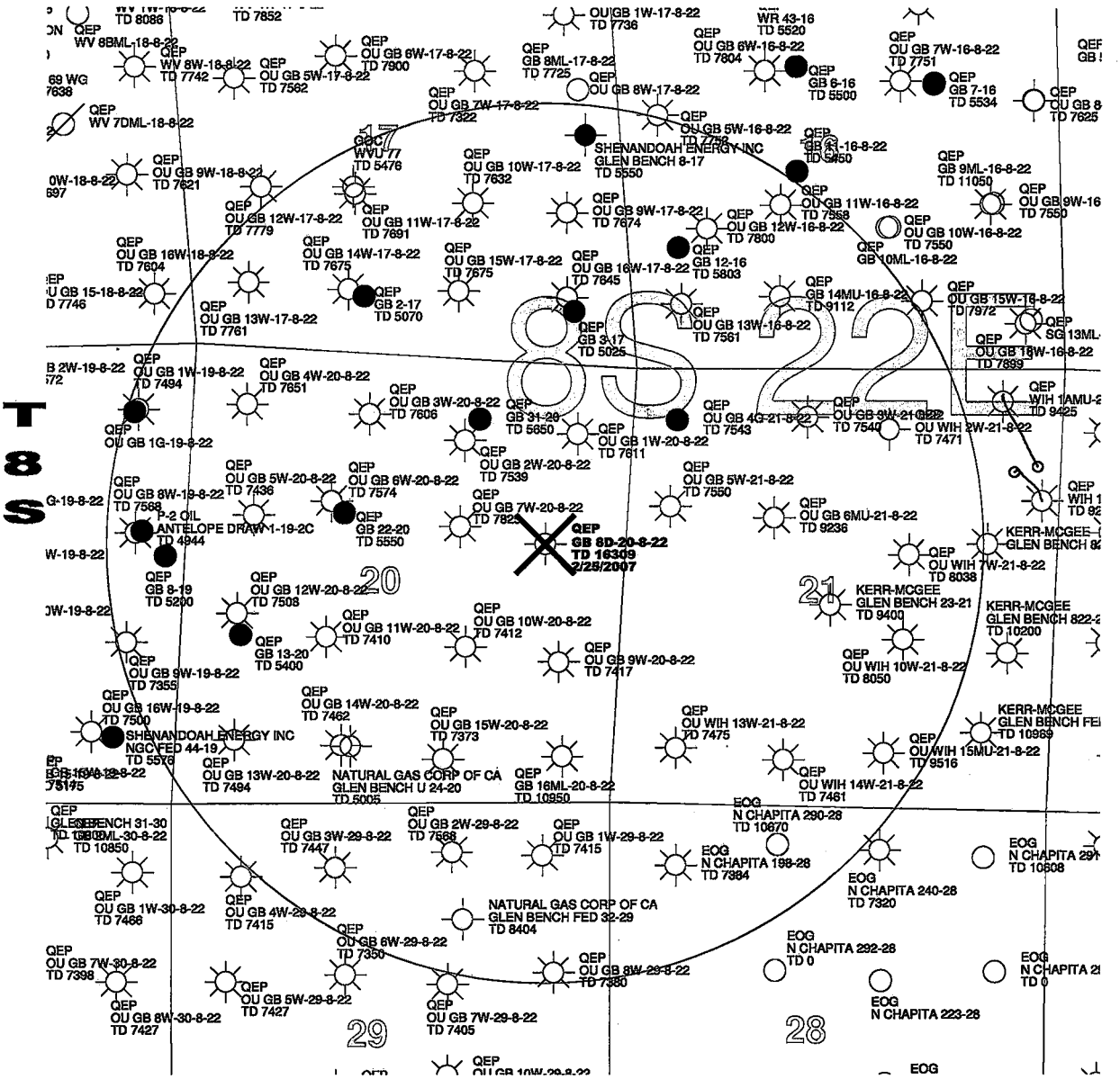
(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

R 22 E



Well Status

- D&A
- GAS
- LOC
- OIL
- SI

N

1:24000

1000 0 1000 2000 3000 ft

1050 17th, Suite 500
Denver, Colorado 80265
303 672-6900

QUESTAR Exploration & Production

GB 8D-20-8-22

Date: May 12, 2008	Geologist:
Landman:	Geophysicist:
Engineer:	File:...\Uinta\CJO_RAGTaxCr\GB 8D-20-8-22

Fluid Entry Results

	Company:	Questar
	Well:	GB 8D-20-8-22
	Date:	25-Oct-07
	Field:	
Metered Rates	Gas:	.860 mmcf/d*
	Water:	131 B/D

*Surface rates vary; See production rate & pressure sheet

NOTE: Only perfs that are contributing towards production are listed for brevity. Please see "Data Cover" for a list of all perfs.

Reservoir Zone	Perforations Depth (ft)	Gas		Water	
		Surface mmcf/d	%	Surface B/D	%
Wasatch	6934-6944	Trace	---		
Wasatch	6972-6974	0.204	22.79%		
Mesa Verde	8420-8426	Trace	---	476.0	88.81%
Mesa Verde	9176**	0.247	27.60%		
Lower Mesa Verde	9353-9357	Trace	---		
Lower Mesa Verde	10195-10199	Trace	---		
Lower Mesa Verde	10390-10392	Trace	---	Trace	---
Lower Mesa Verde	10538-10540	0.001	---	36.0	6.72%
Blackhawk	11432-11440	Trace	---	24.0	4.48%
Mancos	12187	0.072	8.04%		
Mancos	13263	Trace	---	Trace	---
Mancos	13333	Trace	---		
Mancos	13427	0.030	3.35%	Likely	---
Mancos	13532	0.015	1.68%		
Mancos	13608	Trace	---		
Mancos	13665	Trace	---		
Mancos	14034	Trace	---		
Mancos	14162	Trace	---		

Mancos	14271	Trace	---		
Mancos/Frontier	14476	0.052	5.81%		
Mancos/Frontier	14681	0.031	3.46%		
Mancos/Frontier	14809	0.029	3.24%		
Frontier	15267	0.030	3.35%		
Dakota Silt	15676-15680	0.184	20.56%		
Dakota	16005-16013	Trace	---	Trace	---
	Total:	**.895 mmcf/d**	**100%**	**536 B/D**	**100%**

**This perf not on list; is above Lower Mesa Verde (see Plato report)

DIVISION OF OIL, GAS AND MINING

Wildcat Well Determination
STATEMENT OF BASIS

Applicant: QEP Unita Basin, Inc.

Location: SENE Sec. 20 T8S, R22E, Uintah County, Utah

WELL NAME: GB 8D-20-8-22 **API #:** 43-047-37665

FINDINGS

1. This well was completed on May 30, 2007 in the Wasatch, Mesa Verde, Mancos, Frontier and Dakota Silt formations.
2. This well was > 1 mile from any known production in the Mancos, Frontier and Dakota Silt formations at the time of the completion and the start of commercial production. The Dakota formation is the deepest producing formation in this well.
3. This well is approximately 2573' from the GB 16ML-20-8-22 that also produces from the Wasatch-Mesa Verde formations.
4. A production log was run that attributed production in the following amounts for each formation: Wasatch 23%, Mesa Verde 28%, Mancos 19%, Frontier 10% and Dakota 20%.
5. The Wildcat Tax Credit application was received 1 year after completion of the GB 8D-20-8-22 well (see submittal requirements in R649-3-35-1).

CONCLUSIONS

Future requests for wildcat well determination should be submitted in accordance with R649-3-35-1. Based on the findings above the Division has determined the GB 8D-20-8-22 well was drilled into an unknown area for the **Mancos, Frontier and Dakota** formations. The Division finds that this well qualifies for the severance tax exemption under Section 59-5-102(2)(d) for wildcat wells for the Mancos, Frontier and Dakota formations. The Division recommends the percent of production attributed to the above formations (49%) from the production log run on 25 Oct 2007 be used as the amount of production that qualifies for the wildcat tax credit. This determination was made in accordance with Oil and Gas General Conservation Rule R649-3-35. If the operator disagrees with this determination, the decision may be appealed to the Board of Oil Gas and Mining.

Reviewer(s): Dustin K. Doucet DKD Date: 9/25/08

Joshua J. Payne Date: 19 August 2008

CC: Utah State Tax Commission
ATTN: Ken Petersen

ATTACHMENT A

1 Mile Area Of Review

API	WELL_NAME	Well Status	QTR	Sect	Town	Range	Cum Oil	Cum Gas	Field Typ	Dx from Well(	Rotary Spud	Date TD reached	Date First Produced	Producing Formation
4304739232	GB 1CML-29-8-22	APD	NENE	29	080S	220E	0	0	D	4438	NA	NA	NA	Mancos (Proposed)
4304739229	GB 12DML-20-8-22	APD	NWSW	20	080S	220E	0	0	D	3617	NA	NA	NA	Mancos (Proposed)
4304739228	GB 4DML-20-8-22	APD	NWNW	20	080S	220E	0	0	D	3149	NA	NA	NA	Mancos (Proposed)
4304739227	GB 13AML-17-8-22	APD	SWSW	17	080S	220E	0	0	D	4660	NA	NA	NA	Mancos (Proposed)
4304737665	GB 8D-20-8-22	PGW	SENE	20	080S	220E	5454	261809	D	0	3/11/2007	4/27/2007	5/30/2007	Wasatch-Mesa Verde-Mancos-Frontier-Dakota
4304737664	GB 16ML-20-8-22	PGW	SESE	20	080S	220E	6060	232695	D	2573	2/12/2007	3/26/2007	3/26/2007	Wasatch-Mesa Verde
4304737133	N CHAPITA 290-28	APD	NENW	28	080S	220E	0	0	D	4557	NA	NA	NA	Price River (Proposed)
4304734884	OU GB 8WX-29-8-22	LA	SENE	29	080S	220E	0	0	D	5144				Wasatch
4304734882	GB 4G-21-8-22	LA	NWNW	21	080S	220E	0	0	D	2195				Green River
4304734755	OU GB 6MU-21-8-22	PGW	SENW	21	080S	220E	614	296198	D	2810	1/9/2004	2/3/2004	2/23/2004	Wasatch
4304734706	OU GB 8W-20-8-22	LA	SENE	20	080S	220E	0	0	D	79				Wasatch
4304734705	OU GB 7W-20-8-22	PGW	SWNE	20	080S	220E	1113	418116	D	982	1/8/2003	1/25/2003	2/12/2003	Wasatch
4304734696	OU GB 1G-19-8-22	POW	NENE	19	080S	220E	3255	366	D	5097	5/6/2003	5/17/2003	6/5/2003	Green River
4304734690	OU GB 5W-21-8-22	PGW	SWNW	21	080S	220E	329	259432	D	1602		3/16/2003	4/1/2003	Wasatch
4304734689	OU WIH 7W-21-8-22	PGW	SWNE	21	080S	220E	1867	682843	D	4428	1/20/2003	2/4/2003	2/25/2003	Wasatch
4304734687	OU WIH 2W-21-8-22	PA	NWNE	21	080S	220E	0	0	D	4373	7/2/2003			Wasatch
4304734686	OU GB 3W-21-8-22	PGW	NENW	21	080S	220E	1433	645302	D	3469	3/13/2003	3/24/2003	4/9/2003	Wasatch
4304734685	OU GB 4G-21-8-22	POW	NWNW	21	080S	220E	115956	503	D	2148	3/23/2003	4/17/2003	5/20/2003	Green River
4304734681	OU WIH 10W-21-8-22	PGW	NWSE	21	080S	220E	1677	680132	D	4432	11/7/2002	11/18/2002	12/10/2002	Wasatch
4304734664	OU WIH 14W-21-8-22	PGW	SESW	21	080S	220E	1266	485877	D	3840	1/30/2003	2/15/2003	3/6/2003	Wasatch
4304734646	OU WIH 13W-21-8-22	PGW	SWSW	21	080S	220E	1851	857678	D	2888	3/6/2003	3/14/2003	4/4/2003	Wasatch
4304734636	N CHAPITA 198-28	PGW	NWNW	28	080S	220E	1892	603700	D	4153	8/3/2004	8/7/2004	9/2/2004	Wasatch
4304734634	OU WIH 15MU-21-8-22	PGW	SWSE	21	080S	220E	3230	540581	D	4767	12/10/2003	12/29/2003	1/20/2004	Wasatch-Mesa Verde
4304734633	OU GB 16W-20-8-22	LA	SESE	20	080S	220E	0	0	D	2539				Wasatch
4304734632	OU GB 15W-20-8-22	PGW	SWSE	20	080S	220E	2063	885586	D	2822	9/19/2002	9/23/2002	10/9/2002	Wasatch
4304734631	OU GB 10W-20-8-22	PGW	NWSE	20	080S	220E	1104	242052	D	1569	11/26/2002	12/9/2002	1/21/2003	Wasatch
4304734630	OU GB 9W-20-8-22	PGW	NESE	20	080S	220E	954	317717	D	1396	10/9/2002	10/22/2002	14/4/2002	Wasatch
4304734625	OU GB 10W-17-8-22	PGW	NWSE	17	080S	220E	854	439056	D	4058	10/22/2002	11/29/2002	12/17/2002	Wasatch
4304734624	OU GB 9W-17-8-22	PGW	NESE	17	080S	220E	1308	573051	D	3939	11/8/2002	11/17/2002	12/19/2002	Wasatch
4304734619	GB 14MU-16-8-22	PGW	SESW	16	080S	220E	3664	299878	D	4118	6/22/2004	7/8/2004	7/29/2004	Wasatch-Mesa Verde
4304734618	OU GB 13W-16-8-22	PGW	SWSW	16	080S	220E	821	188295	D	3299	9/23/2002	10/1/2002	10/17/2002	Wasatch
4304734617	OU GB 12W-16-8-22	PGW	NWSW	16	080S	220E	464	152759	D	4275	12/27/2002	1/16/2003	2/4/2003	Wasatch
4304734604	OU GB 1W-20-8-22	PGW	NENE	20	080S	220E	926	335722	D	1327	9/26/2002	10/15/2002	10/29/2002	Wasatch
4304734602	OU GB 16W-17-8-22	PGW	SESE	17	080S	220E	843	387828	D	2910	10/16/2002	10/28/2002	11/21/2002	Wasatch
4304734601	OU GB 15W-17-8-22	PGW	SWSE	17	080S	220E	310	154482	D	3090	10/15/2002	12/5/2002	12/23/2002	Wasatch
4304734600	OU GB 2W-29-8-22	PGW	NWNE	29	080S	220E	915	281318	D	3826	12/11/2002	12/28/2002	1/23/2003	Wasatch
4304734599	OU GB 2W-20-8-22	PGW	NWNE	20	080S	220E	621	250711	D	1497	11/11/2002	12/3/2002	12/27/2002	Wasatch
4304734575	OU GB 8W-29-8-22	SGW	SENE	29	080S	220E	774	73256	D	5132	9/23/2002	10/16/2002	2/19/2003	Green River
4304734573	OU GB 1W-29-8-22	PGW	NENE	29	080S	220E	801	281747	D	3720	8/9/2002	9/12/2002	10/3/2002	Wasatch
4304734553	OU GB 11W-17-8-22	PGW	NESW	17	080S	220E	500	271525	D	4753	11/17/2002	11/25/2002	12/19/2002	Wasatch
4304734550	OU GB 14W-17-8-22	PGW	SESW	17	080S	220E	753	383338	D	3873	7/23/2002	8/4/2002	8/19/2002	Wasatch
4304734546	OU GB 3W-29-8-22	PGW	NENW	29	080S	220E	2016	814668	D	4684	6/6/2002	7/8/2002	8/1/2002	Wasatch
4304734544	OU GB 13W-17-8-22	PGW	SWSW	17	080S	220E	744	348146	D	4713	7/17/2002	8/12/2002	9/4/2002	Wasatch
4304734516	OU GB 8W-19-8-22	PGW	SENE	19	080S	220E	1338	579729	D	4786	5/7/2002	5/19/2002	6/14/2002	Wasatch
4304734512	OU GB 1W-19-8-22	PGW	NENE	19	080S	220E	860	313570	D	5063	4/23/2002	5/5/2002	5/24/2002	Wasatch
4304734349	OU GB 14W-20-8-22	PGW	SESW	20	080S	220E	2124	885700	D	3493	6/4/2002	6/16/2002	7/11/2002	Wasatch
4304734348	OU GB 13W-20-8-22	PGW	SWSW	20	080S	220E	914	410682	D	4449	5/22/2002	6/5/2002	6/29/2002	Wasatch
4304734209	OU GB 5W-20-8-22	PGW	SWNW	20	080S	220E	2040	741117	D	3502	1/29/2002	2/18/2002	3/4/2002	Wasatch
4304734043	OU GB 4W-20-8-22	PGW	NWNW	20	080S	220E	734	361477	D	3875	6/16/2002	6/29/2002	7/30/2002	Wasatch
4304734039	OU GB 11W-20-8-22	PGW	NESW	20	080S	220E	2300	922961	D	2790	1/30/2002	3/18/2002	3/30/2002	Wasatch
4304734018	OU GB 6W-20-8-22	PGW	SENW	20	080S	220E	1588	487345	D	2562	6/16/2002	7/5/2002	7/29/2002	Wasatch
4304733946	OU GB 9W-19-8-22	PGW	NESE	19	080S	220E	1099	487997	D	5160	12/15/2001	2/5/2002	2/23/2002	Wasatch
4304733754	OU GB 11W-16-8-22	PGW	NESW	16	080S	220E	329	65514	D	5029	8/28/2002	9/9/2002	9/26/2002	Wasatch
4304733526	OU GB 3W-20-8-22	PGW	NENW	20	080S	220E	933	380281	D	2575	6/12/2002	6/22/2002	7/12/2002	Wasatch
4304733249	OU GB 12W-20-8-22	PGW	NWSW	20	080S	220E	827	394372	D	3873	5/15/2002	5/26/2002	6/17/2002	Wasatch
4304732718	GLEN BENCH 8-17	PA	SENE	17	080S	220E	0	0		5072		9/8/1995		Green River
4304732583	GB 12-16	WI	NWSW	16	080S	220E	12840	12710		3847		1/18/1995	2/11/1995	Green River-Glen Bench Sand
4304732476	GB 8-19	POW	SENE	19	080S	220E	197718	22839		4612		11/25/1995	12/15/1995	Green River-Glen Bench Sand
4304731556	GB 3-17	SOW	SESE	17	080S	220E	145941	48137		2865		12/19/1984	1/17/1985	Green River
4304731555	GB 2-17	POW	SESW	17	080S	220E	177228	34286		3831		12/1/1984	12/17/1984	Green River
4304731530	GLEN BENCH U 24-20	PA	SESW	20	080S	220E	0	0		3306		9/20/1984		
4304731487	ANTELOPE DRAW 1-19-2C	PA	SENE	19	080S	220E	16339	16201		4900		7/12/1984	9/12/1984	Green River
4304731433	GB 31-20	POW	NWNE	20	080S	220E	346569	114088		1767		5/18/1984	6/27/1984	Green River
4304731356	GB 22-20	WI	SENW	20	080S	220E	81254	88652		2499		10/10/1983	11/15/1983	Green River
4304731355	GB 13-20	SOW	NWSW	20	080S	220E	317587	200553		3795		8/30/1983	9/28/1983	Green River
4304731007	GLEN BENCH 23-21	PGW	NESW	21	080S	220E	1099	416057		3488		2/18/1982	3/9/1982	Mesa Verde
4304730980	GLEN BENCH FED 32-29	PA	SWNE	29	080S	220E	0	0		4575		1/2/1982		Mesa Verde
4304720102	WVU 77	PA	NESW	17	080S	220E	0	0		4885		8/6/1966		Wasatch

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

5. Lease Serial No.
UTU 69001

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
N/A

1. Type of Well
☐ Oil Well ☐ ☑ Gas Well ☐☐ ☐ Other

8. Well Name and No.
GB 8D-20-8-22

2. Name of Operator **Questar Exploration and Production Inc.**

9. API Well No.
43-047-37665

3a. Address
11002 E. 17500 S. VERNAL, UT 84078-8526

3b. Phone No. *(include area code)*
435-781-4341

10. Field and Pool, or Exploratory Area

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
2157' FNL, 966' FEL, SENE, SECTION 20, T8S, R22E, SLBM

11. County or Parish, State
Uintah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☑ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The following intervals were squeezed follwing the procedure approved in the Sundry dated 11/26/2007;

8420'-8426', 8437'-8439', 8470'-8474'

Following the workover, the was has been returned to production

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Jim SIMONTON

Title Completion Supervisor

Signature Jim Simonton (dbc)

Date **06/23/2008**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED
JUN 30 2008
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

5. Lease Serial No.
UTU-69001

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA/Agreement, Name and/or No.
GLEN BENCH

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
GB 8D-20-8-22

2. Name of Operator
Questar Exploration & Production Co. *Contact: Mike Stahl*

9. API Well No.
43-047-37665

3a. Address
11002 East 17500 South, Vernal, UT 84078

3b. Phone No. *(include area code)*
303-308-3613

10. Field and Pool, or Exploratory Area
GLEN BENCH

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
2157' FNL 966' FEL, SENE, SECTION 20, T8S, R22E

11. County or Parish, State
UINTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Commingling
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days Following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

In Compliance with the Administrative Utah code for drillling and operating practice R649-3-22, completion into two or more pools. Questar Exploration & Production Company hereby requests the commingling of production between intervals in the GB 8D-20-8-22. Questar considers this commingling to be in the public interest in that it promotes maximum ultimate economic recevery, prevents waste, provides for orderly and efficient production of oil and gas and presents no detrimental effects from commingling the gas streams.

Questar requests approval for the commingling of production of the Mesa Verde and Dakota intervals. Based upon offset production logs, the proposed initial allocation is as follows: Mesa Verde-38%, Wasatch-23%, Frontier-16%, Dakota-23%.

On an annual basis the gas will be sampled and a determination will be made of the BTU content and gas constituents. These annual samples can be used to determine if the gas allocation is changing over time. If these samples do not indicate that any adjustments in allocation are necessary they may be discontinues after the fifth anniversary of the initial production.

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*	Title
Laura Bills	Associate Regulatory Affairs Analyst
Signature: Laura Bills	Date: June 13, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	Federal Approval Of This Action Is Necessary

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 9/30/08
BY:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

COPY SENT TO OPERATOR
Date: 10.2.2008
Initials: KS

RECEIVED
SEP 10 2008
DIV. OF OIL, GAS & MINING

QUESTAR

Questar Exploration and Production Company
Independence Plaza
1050 17th Street, Suite 500
Denver, CO 80265
Tel 303 672 6900 • Fax 303 294 9632

Rocky Mountain Region

August 29, 2008

Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: Sundry Notice of Commingling

To Whom It May Concern:

Enclosed for approval, please find Questar Exploration and Production Company's Sundry Notice of Commingling for the GB 8D-20-8-22 well located in T8S-R22E Section 20: SENE.

Should you have any questions, please do not hesitate to contact me at (303) 672-6906 or by email at nate.koeniger@questar.com.

When available, it would be appreciated if an approved copy was sent to the undersigned using the letterhead address above.

Very truly yours,

Nathan C. Koeniger
Landman

Enclosure

AFFIDAVIT OF NOTICE

STATE OF COLORADO)
COUNTY OF DENVER) ss:

Nathan C. Koeniger, being duly sworn, deposes and says:

1. That I am employed by Questar Exploration and Production Company in the capacity as a Landman. My business address is:

   Independence Plaza
   1050 17th Street, Suite 500
   Denver, CO 80265

2. In my capacity as a Landman, pursuant to the provisions of Utah Administrative Rule 649-3-22, I have provided a copy of Questar Exploration and Production Company's application for completion of the GB 8D-20-8-22 well into two or more pools, in the form of Utah Division of Oil, Gas and Mining's Form 9 Sundry Notice, to owners of all contiguous oil and gas leases or drilling units overlying the pools which are the subject of that application.

3. In my capacity as a Landman, I am authorized to provide such notice of Questar Exploration and Production Company's application to contiguous owners and to make this affidavit on this 29th day of August 2008.

Printed Name: Nathan C. Koeniger

The foregoing instrument was sworn to and subscribed before me this 29th day of August 2008, by Nathan C. Koeniger.

Theresa Chatman
Notary Public

THERESA CHATMAN
-NOTARY PUBLIC-
STATE OF COLORADO

MY COMMISSION EXPIRES: 7/7/11

MAILING LIST
GB 8D-20-8-22
NOTICE OF COMMINGLING

III Exploration Company
555 South Cole Road
Boise, ID 83707
Attn: William Glynn/Ken Smith

Anadarko Petroleum Corporation
1999 Broadway – Suite 3600
Denver, CO 80202
Attn: W. Chris Latimer

F Jeffrey Peterson
5103 Edenburgh
Boise ID 83703

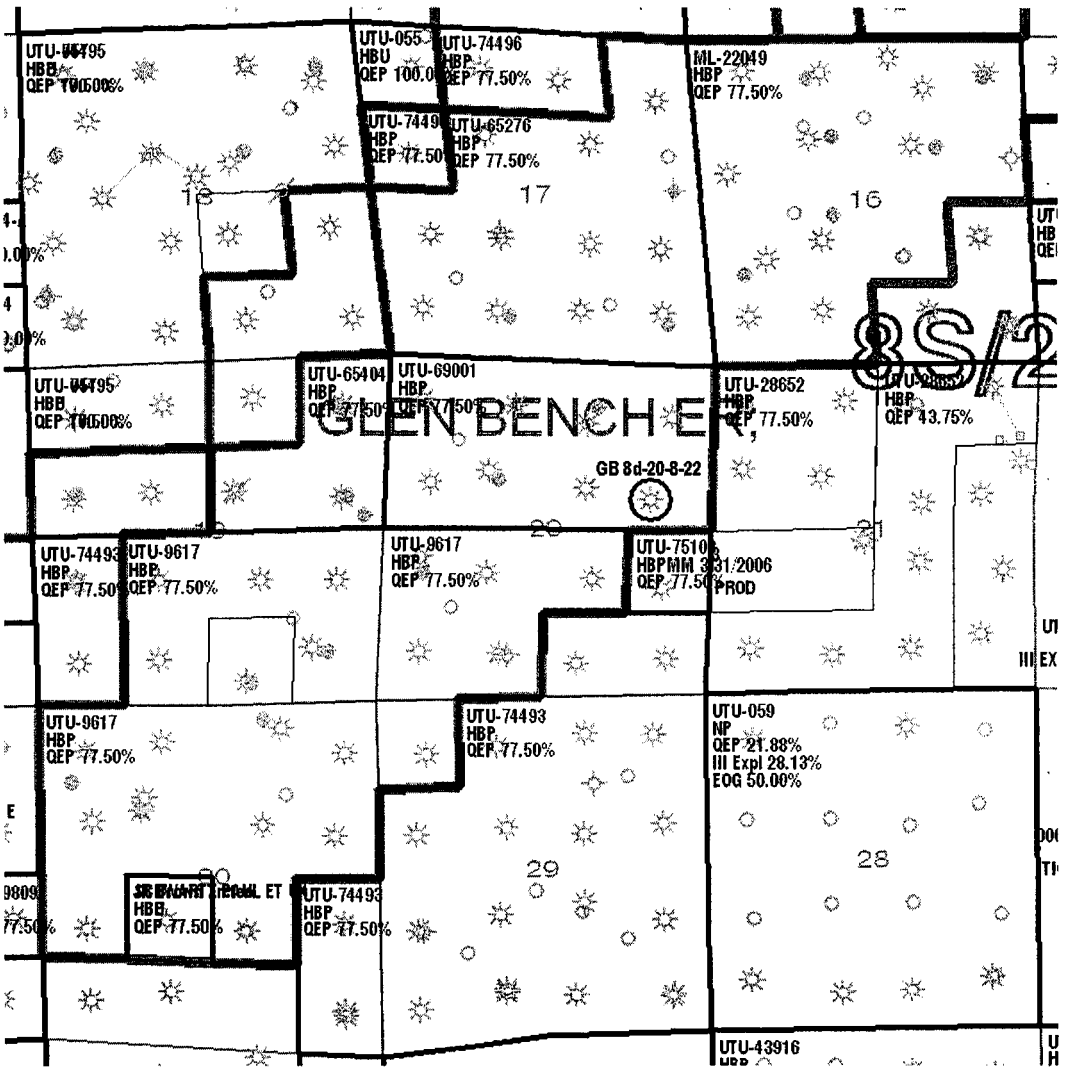
Leslie Ann Peterson
3394 W 440 S
Vernal UT 84078

Mark L Peterson
3133 N 2050 W
Vernal UT 84078

Scot Carl Peterson
3394 W 440 S
Vernal UT 84078

Tamra T Peterson
5103 Edenburgh
Boise ID 83703

Flying J. Exploration & Production Inc.
333 West Center Street
North Salt Lake, UT 84054
Attn: Chris Malan



T8S-R22E

○ Commingled well

Tw / Kmv
COMMINGLED PRODUCTION
Uinta Basin—Uintah County, Utah

Well: GB 8D 20-8-22
Lease: UTU 69001

QUESTAR
Exploration and Production
1050 17th St., # 500 Denver, CO 80265

Geologist:
Landman: Nate Koeniger
Date: July 1, 2008

Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
UTU-69001

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA/Agreement, Name and/or No.
GLEN BENCH

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
GB 8D-20-8-22

2. Name of Operator
Questar Exploration & Production Co. *Contact: Mike Stahl*

9. API Well No.
43-047-37665

3a. Address
11002 East 17500 South, Vernal, UT 84078

3b. Phone No. *(include area code)*
303-308-3613

10. Field and Pool, or Exploratory Area
GLEN BENCH

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
2157' FNL 966' FEL, SENE, SECTION 20, T8S, R22E

11. County or Parish, State
UINTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Commingling
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days Following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

In Compliance with the Administrative Utah code for drillling and operating practice R649-3-22, completion into two or more pools. Questar Exploration & Production Company hereby requests the commingling of production between intervals in the GB 8D-20-8-22. Questar considers this commingling to be in the public interest in that it promotes maximum ultimate economic recevery, prevents waste, provides for orderly and efficient production of oil and gas and presents no detrimental effects from commingling the gas streams.

Questar requests approval for the commingling of production of the Mesa Verde and Dakota intervals. Based upon offset production logs, the proposed initial allocation is as follows: Mesa Verde-38%, Wasatch-23%, Frontier-16%, Dakota-23%.

On an annual basis the gas will be sampled and a determination will be made of the BTU content and gas constituents. These annual samples can be used to determine if the gas allocation is changing over time. If these samples do not indicate that any adjustments in allocation are necessary they may be discontinues after the fifth anniversary of the initial production.

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*	Title
Laura Bills	Associate Regulatory Affairs Analyst
Signature: Laura Bills	Date: June 13, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 9/30/08
BY:

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Federal Approval Of This Action Is Necessary

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED
SEP 10 2008
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on page 2.

5. Lease Serial No.
UTU-69001

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit of CA/Agreement, Name and/or No.
N/A

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

8. Well Name and No.
GB 8D 20 8 22

2. Name of Operator
Questar Exploration & Production Co.

9. API Well No.
43-047-37665

3a. Address
11002 East 17500 South - Vernal, UT 84078

3b. Phone No. *(include area code)*
435.781.4342 - Dahn Caldwell

10. Field and Pool or Exploratory Area
UNDESIGNATED

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
2157' FNL, 966' FEL, SEC 20-T8S-R22E, SENE

11. Country or Parish, State
Uintah County, Utah

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☑ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other SQUEEZE WATER ZONE
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

This Workover is to clean out well, squeeze water zone & run production tbg. Work was done from 1/8/08 - 2/4/08.
1 - MIRU Basin Well Service.
2 - MIRU Halliburton Cement Crew & squeeze perfs between CBP @ 8520' & retainer @ 8010'. Mix & pump 100 sxs of 'G' Cement. Leaving 25 sxs of cmt in the tbg.
3 - RIH w/ 3-5/8" mill & tbg to 6858'.
4 - Drill out ratty cmt f/ 7024' to 7154' (130').
5 - Cmt to 7460' & fell free & continue in the hole to 7545' & circ hole clean.
6 - Drill out hard cmt to retainer @ 8010'.
7 - Drill out retainer @ 8010'. Cont to drill out hard cmt to 8262'. Cont to drill out hard to med hard cmt f/ 8262' to 8478' & fell out of cmt. (NOTE: these depths are WL depths; as WL depth of 8478' is a tbg depth of 8417'.)
8 - Clean out to CBP @ 8520' & drill out plug & RIH to 9303'.
9 - RIH w/ 3-5/8" mill & 4-1/2" csg scraper to 10440'.
10 - Tag fill @ 16078' tbg depth & 16039' WL depth.
11 - On 2/1/08 - SICP = 1250#. RIH w/ production string & land tbg in hanger. EOT @ 7518' & "F" Nipple @ 7484'.
12 - ND BOP's & NU WH.
13 - On 2/4/08 RDMO Basin Well Service.

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
Jim Simonton

Title Completion Supervisor

Signature Jim Simonton (dfc)

Date 03/04/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED
MAR 17 2009
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

State of Utah
Division of Oil, Gas and Mining

ENTITY ACTION FORM - FORM 6

OPERATOR ACCT. No. N-2460

OPERATOR: **Questar Exploration & Production Co.**
ADDRESS: **11002 East 17500 South**
Vernal, Utah 84078 (435)781-4342

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
E	**15977**	**15977**	**43-047-37665**	**GB 8D 20 8 22**	**SENE**	**20**	**8S**	**22E**	**Uintah**	**2/23/2007**	**3/1/09**
WELL 1 COMMENTS: **WMMFD** — 4/14/09											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

(3/89)

Signature

Office Administrator 4/10/09
Title Date

Phone No. **(435)781-4342**

RECEIVED
APR 13 2009
DIV. OF OIL, GAS & MINING

CONFIDENTIAL expired 6/30/08

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET **(for state use only)**

ROUTING
CDW

Change of Operator (Well Sold) **X - Operator Name Change**

The operator of the well(s) listed below has changed, effective: **6/14/2010**

FROM: (Old Operator):	**TO:** (New Operator):
N5085-Questar Exploration and Production Company	N3700-QEP Energy Company
1050 17th St, Suite 500	1050 17th St, Suite 500
Denver, CO 80265	Denver, CO 80265
Phone: 1 (303) 308-3048	Phone: 1 (303) 308-3048

CA No. **Unit:** **GLEN BENCH ENH REC**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 6/24/2010
4a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
5a. (R649-9-2)Waste Management Plan has been received on: Requested
5b. Inspections of LA PA state/fee well sites complete on: n/a
5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
9. **Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 6/30/2010
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 6/30/2010
3. Bond information entered in RBDMS on: 6/30/2010
4. Fee/State wells attached to bond in RBDMS on: 6/30/2010
5. Injection Projects to new operator in RBDMS on: 6/30/2010
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024
2. Indian well(s) covered by Bond Number: 965010693
3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1 TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
	7. UNIT or CA AGREEMENT NAME: See attached
	8. WELL NAME and NUMBER: See attached
2 NAME OF OPERATOR: Questar Exploration and Production Company N5085	9. API NUMBER: Attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 CITY Denver STATE CO ZIP 80265 — PHONE NUMBER: (303) 672-6900	10. FIELD AND POOL, OR WILDCAT: See attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	COUNTY: Attached STATE: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 6/14/2010	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Operator Name Change
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:
Federal Bond Number: 965002976 (BLM Reference No. ESB000024) N3700
Utah State Bond Number: ~~965003033~~ 965010695
Fee Land Bond Number: ~~965003033~~ 965010695
BIA Bond Number: ~~799446~~ 965010693

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) Morgan Anderson TITLE Regulatory Affairs Analyst

SIGNATURE Morgan Anderson DATE 6/23/2010

(This space for State use only)

RECEIVED
JUN 28 2010
DIV. OF OIL, GAS & MINING

APPROVED 6/30/2009
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000) (See Instructions on Reverse Side)

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
GLEN BENCH ENH REC
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
GLEN BENCH 31-30	30	080S	220E	4304731008	13727	Federal	OW	P	
WR 43-16	16	080S	220E	4304731354	5170	State	OW	P	
GB 13-20	20	080S	220E	4304731355	13727	Federal	OW	S	
GB 45-16	16	080S	220E	4304731399	13727	State	OW	P	
GB 31-20	20	080S	220E	4304731433	13727	Federal	OW	P	
GB 2-17	17	080S	220E	4304731555	13727	Federal	OW	P	
GB 3-17	17	080S	220E	4304731556	13727	Federal	OW	TA	
GB 8-19	19	080S	220E	4304732476	13727	Federal	OW	P	
GB 4-30-8-22	30	080S	220E	4304732755	13727	Federal	OW	S	
GB 11-16-8-22	16	080S	220E	4304732857	13727	State	OW	P	
GB 1MU-16-8-22	16	080S	220E	4304734656	14251	State	GW	P	
OU GB 7W-16-8-22	16	080S	220E	4304734659	13747	State	GW	P	
OU GB 1G-19-8-22	19	080S	220E	4304734696	13727	Federal	OW	P	
GB 2ML-30-8-22	30	080S	220E	4304735080	14816	Federal	GW	P	
GB 8D-20-8-22	20	080S	220E	4304737665	15977	Federal	GW	P	
GB 13AML-17-8-22	17	080S	220E	4304739227		Federal	GW	APD	C
GB 4DML-20-8-22	20	080S	220E	4304739228		Federal	GW	APD	C
GB 12DML-20-8-22	20	080S	220E	4304739229		Federal	GW	APD	C
GB 16BML-19-8-22	19	080S	220E	4304739233		Federal	GW	APD	C

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov/ut/st/en.html

IN REPLY REFER TO:
3100
(UT-922)

JUL 2 8 2010

Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office

From: Chief, Branch of Minerals Roger L Bankert

Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS
UDOGM